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CLIMBING ROSE
THOUSAND BEAUTIES

GERMAN NURSERIES
AND
SEED HOUSE.

GARDEN BOOK
SEEDS, FOR 1910
PLANTS
AND TREES.

COMPASS
CHERRY PLUM

MERVEILLE
RASPBERRY.

CARL SONDEREGGER Pres.
ESTABLISHED 1886.
BEATRICE, NEBRASKA.

SEE DESCRIPTION AND PRICE
OF THESE NOVELTIES ON PAGE 4.

STECHER CO ROCHESTER, N.Y.

PLEASE READ THIS.



If you prefer a German Catalog, please write us

We are sending trees and plants to almost all the States and Territories. Some of the states have passed laws to regulate the Traffic in Trees and Plants. We wish to state here that we have complied with such laws, as they are known to us and have given our bond where demanded, and will comply with any further laws that may be enacted by any state. We also have the necessary inspection tags for states which demand such.

The following certificate from our State Entomologist will be attached to all shipments of trees and plants, no matter what state they go to:

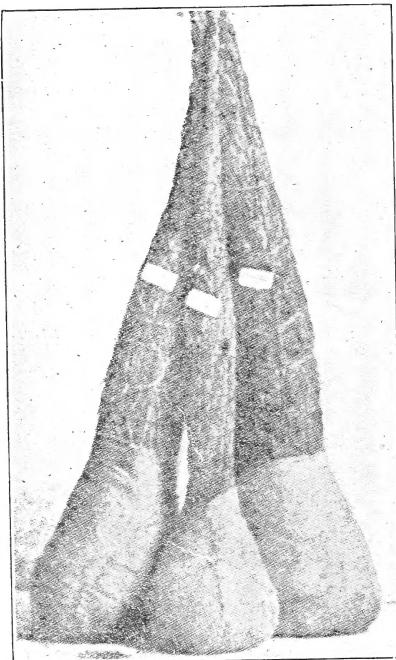
ENTOMOLOGIST'S CERTIFICATE OF NURSERY INSPECTION.

The University of Nebraska.

This is to certify that on August 24th, 1909, I examined personally the nursery and premises of the German Nurseries, Carl Sonderegger, Proprietor, Beatrice, Nebraska, and find no San Jose Scale nor any indication that it had been present in the Nursery or its vicinity, and the stock is apparently in a healthy condition and free from all other insect pests.

This certificate is good for one year from date.

LAWRENCE BRUNER,
State Entomologist.



knowing that poor trees are dear at any price from a very small beginning, our stock having been the best advertiser for our Nursery. With trees, plants and seeds, the quality should be considered first and then the price. Quality will be remembered long after price has been forgotten.

RAILROADS. We have the Burlington (C. B. & Q), the Union Pacific, and the Rock Island.

EXPRESS COMPANIES. We have the Adams, the Pacific and the United States. The Express companies allow us 20 per cent discount on regular rates no matter whether the charges are prepaid by us or not. All packages weighing less than 30 lbs. will generally go as cheap by express as by freight.

INDEX. In order to quickly find any article in this catalogue, refer to index on third cover page.

CATALOGUES WE PUBLISH. GENERAL NURSERY AND SEED CATALOGUE, of which this is a copy. GERMAN CATALOGUE, same as above, but in the German language. MARKET GARDENERS WHOLESALE CATALOGUE, for gardeners and large truck farmers. FALL CATALOGUE, being an illustrated price list of Bulbs and Seeds for fall planting.

Our Seed Store. The accompanying illustration shows our building in which is located our retail seed store and mail order department. All orders for seeds are filled and dispatched from here.

PACKING. In order to be able to handle our fast increasing trade, we have built a new packing house and cold storage room of the newest and most approved pattern. It is 110x140 feet, partly two stories and giving us 20,000 square feet of floor space. Our trees are not exposed to sun and wind while being stored and packed. We drive direct from the nursery grounds into the storage rooms, where stock is graded and bailed out in a cold atmosphere. In almost all cases where shipments go by freight we pack in paper lined boxes. When trees go by express, we pack in bales. The picture hereby shows bales of trees as we put them up. Packed in this way trees cannot be damaged in transit. We guarantee that all trees and plants reach our customers in fresh, healthy condition, no matter where they go.

PRICES. We know the professional tree agent is continually talking against us. He will tell you that our trees are no good; that because they are so much cheaper they are not budded or grafted right, he will insist that his varieties are the only ones that grow in your climate. He is naturally fighting hard to make a sale, as he is well aware that he cannot compete with our prices. He has hotel bills, livery bills and car fare to pay in order to go and see his customers personally. This comes very high, and he must add these expenses to his prices, while we send you a catalogue at a total cost of 15 cents each. This accounts for our low prices.

We aim to send out only first-class trees and plants, and with plenty of roots. All inferior, crooked, or injured trees are carefully graded out and burned, well



TO OUR PATRONS . . .



N presenting our 24th Annual Catalogue, we desire to thank all our customers who have so liberally patronized our Nurseries and Seed House the past year.

In the future as well as in the past, it will be our highest aim to be worthy of their confidence and esteem. We are not a little proud of the many bearing orchards and vineyards and timber plantations scattered over so many states, containing products of our Nurseries.

We assure our customers that only, first class stock is offered, and that all orders, large or small, will have our prompt attention; and will be handled and packed in the best possible manner and delivered to you in good condition.

OUR FRUIT TREE DEPARTMENT. In looking over same, you will find that we offer a nice assortment of the best well-known varieties; also recent introductions which we can recommend.

Our trees and plants are well and carefully raised, and grafting and budding are done by experienced workmen. We dig with the most modern tree diggers, and get practically all the roots there are on a tree. Nothing is left undone to insure well developed, straight trees, with good even tops and without forks. You will find our trees graded to the sizes given in this catalogue, and you will get just what you order.

Our soil is especially adapted to the raising of first class nursery stock, and our rather severe climate insures vigorous, hardy stock, that can stand the raw, cold winters and the dry, hot summers, if necessary. We can point to good orchards from our Nurseries, in the Dakotas, as well as in California, Missouri and New York. You make no mistake in purchasing your trees and plants of us.

IN OUR SEED DEPARTMENT we offer a full line of Garden, Flower and Field Seeds of the best quality. All seeds we send out are first tested as to their germinating qualities. They are well cleaned and fresh, and will grow if given a chance. You can order your wants of trees, plants and seeds of us, and need not send to two houses or buy two money orders. For further information about seeds see pages 54, 97 and 106.

CLUB ORDERS. If a number of neighbors order together, we will tie each order separate, with the purchasers name attached, and then pack all together in one box. Persons sending in club orders please state what they wish for their trouble and we will gladly send a reasonable amount in trees, plants or seeds free, for their efforts in getting up these orders.

WE PAY ALL FREIGHT CHARGES (not express charges) on orders for trees and plants of \$10 or more, no matter whether one person orders alone or a number order together. For parties that wish to get their trees by express instead of freight, we will pay as much towards the express charges as the freight would amount to, balance to be paid by purchaser. **This applies to trees and plants only, not to seeds.** With smaller orders we generally add a few plants to help pay the freight or express charges, and we shall be glad if customers will mention what they prefer. Packages of thirty pounds or less generally go just as cheap by express as by freight. It happens sometimes, through ours or the railroad agent's mistake, that the freight on a box is not prepaid when it should be. In any such case please pay the freight, send us the agent's receipt, and we will remit you the amount.

GUARANTEE OF GENUINENESS ON TREES AND PLANTS. While we exercise the greatest diligence and care to have all our trees and plants, true to label, and hold ourselves in readiness, on proper proof, to replace all trees and plants, that may prove untrue to label, free of charge or refund the amount paid it is mutually understood and agreed to between the purchaser and ourselves that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees and plants, that prove untrue.

GUARANTEE ON SEEDS. While we exercise the greatest diligence and care to have all our seeds true to label and of best quality, we wish it understood that we give no warranty express or implied, as to description, quality, productiveness or any other matter of any seeds, we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned. Subject to above conditions we make all sales at the very moderate prices at which we sell our goods. German Nurseries and Seed House.

OUR POSTOFFICE ADDRESS IS BEATRICE, NEBRASKA. We started planting on land adjoining the city of Beatrice some years ago. Our object was to get better railroad facilities. Here we can also get freight rates from twenty to thirty per cent lower than at Fairbury.

POSTPAID BY MAIL. Orders to go by mail are put up in packages of 4 lbs. or less. While each package cannot weigh more than 4 pounds, the number of packages that can be sent to one address is NOT limited. We can only send trees and plants by mail if the full mailing price, as given in our catalogue is paid. We pay all postage and send trees of suitable size to go by mail.

REMITTANCES should be made by Postoffice or Express Money Orders, Bank Draft or Registered Letters. For amounts of less than \$1.00 postage stamps can be sent.

OUR NURSERIES have been thoroughly inspected by the State Entomologist. A certificate like the one on opposite page will be attached to all shipments.

REFERENCES. Our old customers know us. To all those who have never dealt with us we refer to Beatrice National Bank or Union State Bank.

Respectfully,

CARL SONDEREGGER.

Address all orders to **GERMAN NURSERIES & SEED HOUSE**, Beatrice, Nebraska.

NOVELTIES AND SPECIALTIES.

We give following a list of Trees, Plants and Seeds that are new but have been thoroughly tested and are worthy of a trial by our customers.



Dwarf Apple.

quality extra good. Season medium reported very productive. A splendid variety for either home or commercial culture and should be found in every collection. The Surprise Plum has given the very best satisfaction in the western and north-western states.

Price, 3 to 4 ft., each 40c; per 10 \$3.50; per 100 \$30.00. 4 to 5 ft., each 50c; per 10 \$4.50; per 100 \$40.00.

RED FLOWERED ROSA RUGOSA.

Large Fruited Edible. Beautiful ornamental rose that bears large, bright red fruits which are edible, and can be used for preserves, etc. The plant grows 4 to 5 ft. high and is very ornamental, with its beautiful, large leathery, glossy green foliage. Flowers a purplish-red color. Strong plants, each 40c; 10 for \$3.50. Postpaid, 50c.

VARIEGATED LEAVED EUONYMUS.

An exceedingly pretty and useful little evergreen creeper that mats any surface, to which it clings like the ivy. Its small, silvery-green leaves are edged with creamy white, but color to pink in the fall. For covering rocky banks, rough walls, tree trunks, etc., it is a treasure. Also used for vases, baskets and borders for beds. Each 25c; postpaid 30c.

DWARF APPLES.

These are budded on Doucine stocks, which dwarfs the trees, same as Pear on Quince stocks. They are perfectly hardy south of Nebraska and can be raised successfully north of here, if the ground around the trees is covered with straw or a few shovels full of dirt, over winter. Dwarf Apples bear fruit when 2 or 3 years old. They are especially well adapted to plant in small yards or town lots, where the space is limited, as they can be planted 10 by 10 feet. They can also be grown in tubs or barrels and will bear in a short time. We offer the following varieties:

Bismarck. Introduced from New Zealand. A tremendous bearer and one of the very best apples for hot climates. Fruit is of a beautiful golden-yellow color, of the largest size; very highly flavored and a grand dessert apple; also suitable for cooking purposes. Ripens early and is a good keeper.

Winter Maiden's Blush. Medium size, flat, quite smooth and fair; pale yellow, with beautiful red cheek; tender, sprightly, pleasant, acid flavor. Fair grower and good bearer. A fine dessert apple.

Duchess of Oldenburg. See description page 11.

Yellow Transparent. See description page 11.

Landsberger Reinette. There is no better bearing apple on Doucine stock (dwarf) than this variety. In Germany we have seen apples of this variety on two year old trees in nursery row. Fruit is yellow with red streaks on the sunny side. Excellent quality, and a long keeper.

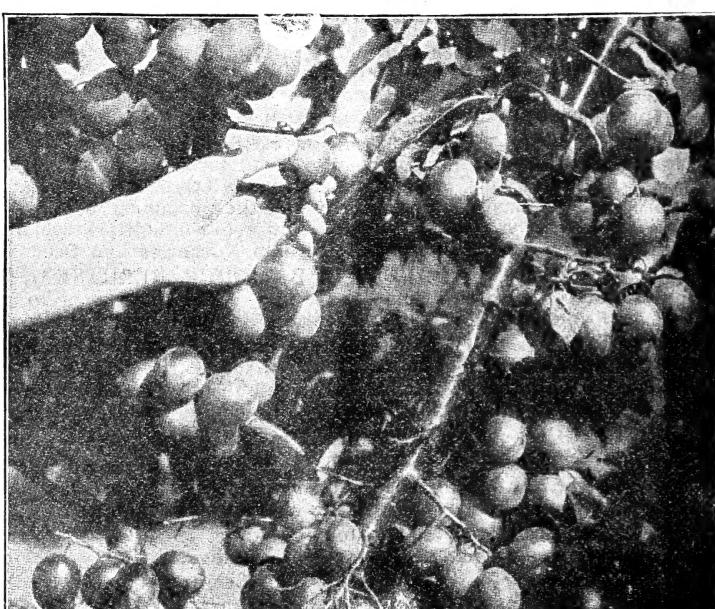
Price of above Dwarf Apples: 3 to 4 feet 35c each; 10 for \$3.00; 100 for \$25.00.

SURPRISE PLUM. (Hortulana.)

A variety introduced by Mr. Martin Penning of Sleepy Eye, Minn., and is said by many to be the finest in quality of any of the cultivated varieties in the native Miner group, also the hardest of that type. Fruit large to very large; skin medium thick, tender; bright red; flesh pale yellow, meaty and of fine flavor;

quality extra good. Season medium reported very productive. A splendid variety for either home or commercial culture and should be found in every collection. The Surprise Plum has given the very best satisfaction in the western and north-western states.

Price, 3 to 4 ft., each 40c; per 10 \$3.50; per 100 \$30.00. 4 to 5 ft., each 50c; per 10 \$4.50; per 100 \$40.00.



Surprise Plum.

TREE CURRANT AND TREE GOOSEBERRY.

These are budded on very hardy stems about 4 to 5 feet high, of the Ribes family, to which the Currant and Gooseberry belong; are just as hardy as in the bush form and will do well anywhere, where the Gooseberry and Currant grow. In Europe they have been propogated for years and can be found in almost every garden. You will find the berries on these trees much larger and sweeter, and so much easier to pick than when raised in bush form. Besides, the little trees are very ornamental on a lawn, along walks or in the garden. The trees we offer are all budded on the very best varieties, have strong bodies with two-year tops. They are easily transplanted and bear the next year. We have sold thousands of these trees and they have given the greatest satisfaction everywhere.

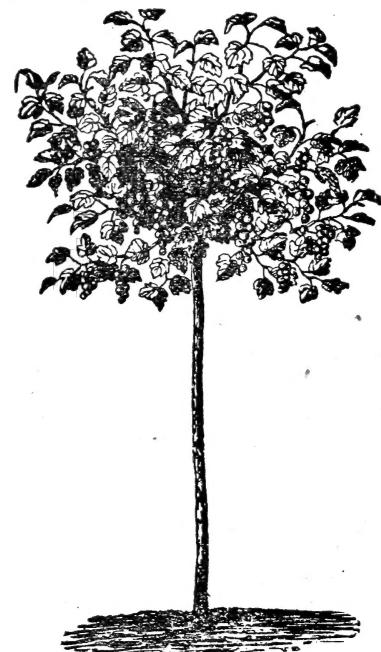
Tree Gooseberries, 5 to 6 feet high, 90c each; 10 for \$8.00.

Tree Currants, 5 to 6 feet high, 90c each; 10 for \$8.00.

Chicago, Ill.

The Tree Currant received from you done very well, it is a great ornament and something quite out of the ordinary. Will want six more of them.

Jean Riffenack.



Tree Currant.

THE GARFIELD GRAPE.

Bunches very large. Berries round with greenish color, turning to a golden yellow when fully ripe; very sweet. Is of fine appearance and flavor. It comes nearer to the Malaga grape than any of the American types of grapes we know of. For a table grape it has no equal. Ripens just before Catawba. A fine wine grape; when pressed out leaving no pulp like other grapes, but only a thin skin and very few small seeds. No sugar is needed in making wine. The Garfield can be trained very high and will bear just as well as if pruned, and therefore is the very best grape for arbors or trellises. Try some of these grapes and you will be well pleased with them. Price, 60c each, postpaid 65c each.

THE FOSTER GRAPE.

Bunches large and well shouldered, berries oblong, very sweet and sugary; green, but when fully ripe a golden yellow. Seeds small and few, with no pulp; skin very thin. A very good grape for table use and not excelled by any for wine. Ripens with the Hartford, about the end of August. Can be left on the vines a long time after ripening, as the berries do not shrink. The vine grows exceedingly strong, is hardy and ripens its wood well. The leaves are somewhat whitish on the under side. The superior points of this grape are its sweetness, thin skin, freeness from pulp, and profuse bearing. Price, 60c each, postpaid 65c each.

MOUNTAIN ASH.

Large Fruited Edible. From Germany. A round headed, medium sized tree with erect stem and smooth bark. Foliage is soft and handsome in appearance. It is ornamental throughout the season.

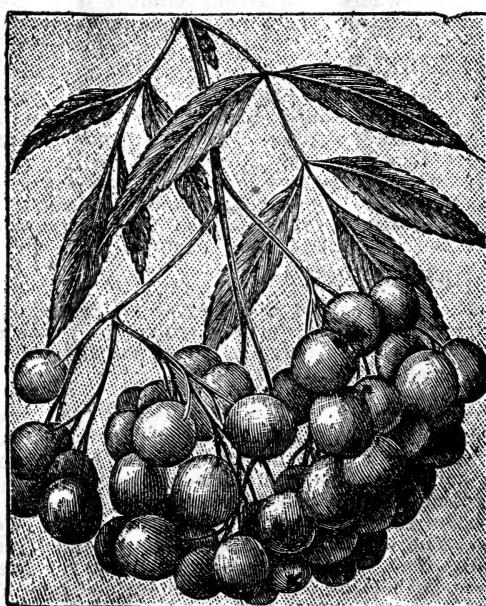
The brilliant scarlet fruits are borne in large clusters in great abundance. Fruit is sub-acid, of an agreeable aromatic flavor, and may be eaten raw; is of special value for preserves, jellies, sauce, etc; can be used for every purpose that cranberries are suited for. The tree is extremely hardy anywhere, will grow in the poorest soil and most exposed situations, where no other fruit could be grown. Makes a beautiful ornamental tree for the lawn or yard, and is worthy of a place in every garden. We do not hesitate to recommend this fruit tree very highly. Nice well grown trees, 4 to 6 ft., each 80c; 10 for \$7.00.

HYPERICUM MOSERIANUM.

Also called St. John's Wort. This hardy perennial garden flower should have a place in every garden. It is a beautiful little plant with handsome, glossy foliage that makes a striking background for the rich golden yellow, saucer-like flowers that first come in May and then continue all summer. It is a low, broad grower 1½ feet high. Makes a splendid edging for flower beds and is useful in all plantings. Each 20c; 10 for \$1.75 postpaid.

We pay freight charges on all orders for trees and plants amounting to \$10.00 or over.

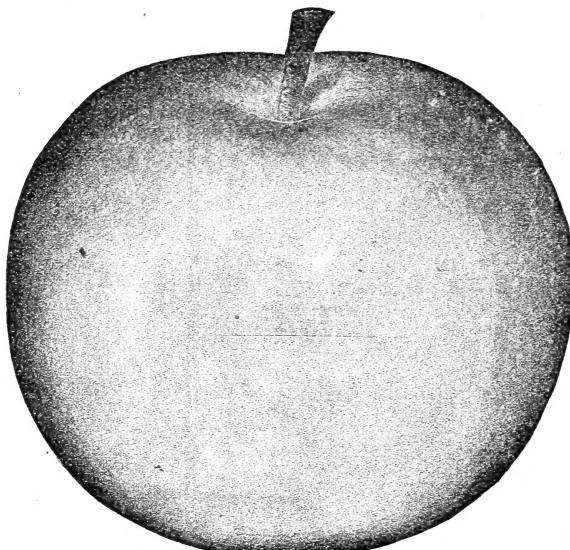
We furnish 5 trees at rate quoted for 10; 50 trees at the 100 rate; 500 trees at the 1000 rate.



Mountain Ash.

"FRANZ" APPLE.

A new apple from Germany. Was planted some years ago by Mr. Carl F. Mueller of Brown County, Minn. The tree is entirely hardy, has stood the severe winter of 1898 and 99 in Minnesota without being damaged whatever, and has borne a crop of apples every year. It is a strong, vigorous grower, as hardy as the Duchess of Oldenburg or the Wealthy; is of symmetrical form, has smooth bark which never cracks or is injured in any way by frost or heat. The leaves are large, free from blight; fruit buds large, forming very early in the fall. The apples hang tightly on the trees and it is seldom that one is blown off by the wind. While in the same orchard other apples were very wormy, the Franz was unusually free from same. The trees commenced to bear three years after transplanting, and have since borne a crop every year. When six years old, most of them bore over a bushel of sound apples. The apple is medium to large in size, greenish with red, with white tender meat, very thin skin and ripens in Minnesota from the twentieth to the end of September. It is a long keeper. Apples that were sent us by Mr. Mueller from Minnesota in the fall kept until June and a few of them till July, while they were kept in an ordinary cellar, wrapped in paper. The Franz apple can only be bought of us. It will certainly pay our customers and especially those in the northern states, to try a few of these trees.



Franz Apple.

Price:	Per 1	Per 10	Per 100
5 to 7 ft., strong trees.....	\$0.35	\$3.00	\$28.00
4 to 5 ft., strong trees.....	.30	2.75	24.00
3 to 4 ft., strong trees.....	.25	2.00	18.00
2 to 3 ft., strong trees.....	.20	1.75	15.00

To Our Illustrations on Front Cover.**NEW CLIMBING ROSE, "THOUSAND BEAUTIES." Tausendschoen.)**

Raised by several crossings between the well-known Crimson Rambler, Tea and Polyantha Roses. This beautiful novelty surpasses all other climbing roses of this section, both in growth, foliage and beauty of blooms. The flowers appear in large clusters from the beginning of June till the end of July. The individual flowers are very large for this type of Rose, being fully 3 inches across and of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delightful shade of soft pink and white when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 to 15 flowers, each truss a veritable bouquet. The plant is a strong, vigorous grower, frequently making shoots 10 to 12 feet long, with glossy green foliage, which is not subject to mildew or disease of any kind. Perfectly hardy, and a most excellent variety to plant wherever a strong climber is desired. Very agreeable, as it is nearly thornless. Price for 2 year old strong field grown plants, each 50c; postpaid 60c.

RED MERVEILLE RASPBERRY.

This fine Raspberry we imported from Germany. It is a decided acquisition to our native varieties. The fruit is large to very large, round, of a deep red color, not purple. Very juicy and of excellent quality. Exceptionally firm, making it a splendid shipping berry. Ripens its fine fruits in June and will bear a second crop in September. Luscious ripe Raspberries in the Fall are certainly a novelty and will sell at high prices anywhere. This new berry is highly esteemed in the old country and we predict that it will quickly come into popular favor here. The plant is as hardy as our native varieties and will bear abundantly twice a year although the second crop will be smaller than the first. Price, 25c each; 10 for \$2.00; 100 for \$15.00. Postpaid 30c each.

WHITE MERVEILLE RASPBERRY.

Will also bear in June and again in September, just the same as the Red Merveille. Berries are large and of the same splendid quality as the Red Merveille, but in color the fruits are yellowish white. A fine berry for the home garden, it being the only white berry of good quality ever introduced. Price, 20c each; 10 for \$1.75; 100 for \$15.00. Postpaid 25c each.

COMPASS CHERRY-PLUM.

Absolutely hardy everywhere. This cherry was originated at Springfield, Minn. It is a cross between the Sandy Cherry and the Miner Plum. Fruit nearly an inch in diameter, a bright red, sweet and juicy, and of very fine flavor. When young and green the fruits have more the appearance of undeveloped plums, but as they mature they become more round like a cherry. The pit is somewhat elongated. In color the fruit is bright red, when fully ripe a rich dark wine shade. For canning and culinary purposes this fruit is unsurpassed. The original tree bore fruit the third year from the seed and has borne a full crop every year since. The tree is a regular and heavy bearer, and produces fruit the next year after setting out. Its early bearing is truly wonderful. For exposed situations and for the North and West, it is the **Cherry**. Price: 3 to 4 feet trees 30c each; 10 for \$2.75. 4 to 5 feet trees 40c each; 10 for \$3.75. Small Trees by mail 25c each postpaid.

VEGETABLE SEEDS.

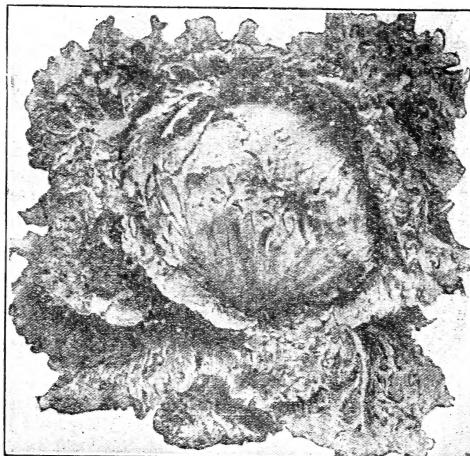
NOVELTIES AND VARIETIES OF SPECIAL MERIT.

LETTUCE, LAIBACH GIANT ICE-HEAD.

Unequalled in quality, tenderness, size and durability. Heads very large, of crisp delicious flavor, yellowish green, outer leaves finely curled enclosing the very solid heads like cabbage. Will withstand drought well and stand 4 to 5 weeks before running to seed. The leaves are so tender and brittle as to have suggested the name Ice-Head. No one who has once planted this fine lettuce will want to be without it again. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

TOMATO, CHALK'S EARLY JEWEL.

The largest, smoothest and finest flavored, extra early bright red tomato. About ten days later than Spark's Earliana. It is even a heavier cropper, with tomatoes of larger size and sweeter flavor, produced throughout the season. The plants are of bushy, compact growth, heavily loaded with fruit. The tomatoes are of good size, just right for market; are very solid and deep through, being globular shaped; ripening to the stem without cracks or green core. The flesh is thick, solid, of fine flavor, with few seeds. A good shipping variety. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.



Giant Ice-Head Lettuce.

ONION, EARLIEST WHITE SPRING.

Seed of this variety can be sown a month sooner in spring than other kinds and will produce good sized bulbs in a very short time. The bulbs are silvery-white, of fine flavor, rather strong. It is not a winter keeping onion. Seed may also be planted in the Fall, and with light protection will winter well and furnish fair sized onions before other varieties can be planted in spring. Packet 15c.

MUSK MELON, HYBRID CASABA.

A late variety of Musk Melon that has become very popular in the South. Flesh nearly three inches thick and of excellent flavor, very juicy and melting. A great many persons pronounced the Hybrid Casaba to be superior in flavor to any other musk melon. Fruits are of good size, oblong in shape, greenish yellow, corrugated exterior at stem end. Plant is a rampant grower, a heavy yielder and bears until cut by frost. At the first sign of frost all melons, even half grown, should be put into a dry place where they will ripen gradually. Melons keep a long time. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.



Earliest Spring Onion.

CAULIFLOWER, FIRST OF ALL.

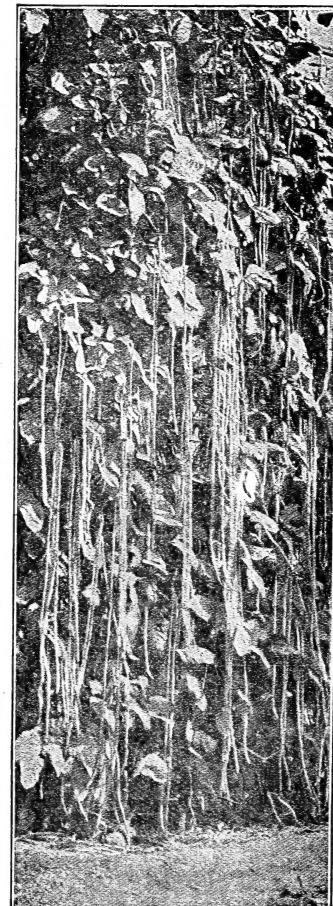
This is the cauliflower for all northern countries. Extra early, maturing its large, very solid heads in an extremely short season. The heads are pure white, hard as stone, in quality as good as the famous Snowball. Of vigorous growth, with short stem; foliage dark green and curled. Pkt. 10c; $\frac{1}{2}$ oz. \$1.00; oz. \$1.75.

ALL SEASONS HEAD LETTUCE.

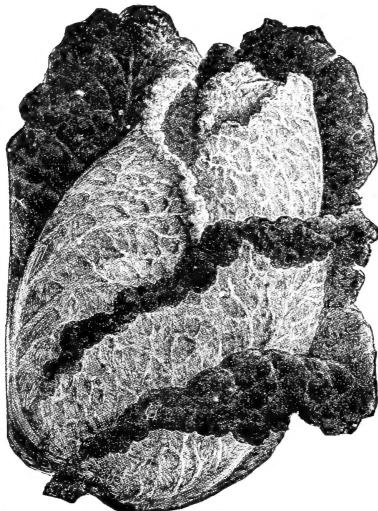
Unsurpassed as a head lettuce for general home and market garden use in Northern climates. It forms a large, handsome, extremely solid head, almost as large as a Flat Dutch Cabbage: color a light grayish green, never spotted nor brownish; leaves broad, quality excellent, decidedly buttery with thick leaves of much substance. Well suited for our western states. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50 postpaid.

POLE BEANS, YARD LONG.

A great curiosity, and withal a bean of excellent quality. Pods usually 18 to 24 inches but frequently 30 inches and sometimes 36 inches in length. An excellent table vegetable, being tender and of a rich asparagus flavor. Plant this fine bean for home use and exhibition purposes. The dry beans are kidney-shaped, of dark brown color. Per packet 10c; 3 packets for 25c.



Yard Long Bean.



King of Earliest Savoy.

and home use a splendid sort; may be used as a border around flower beds. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c postpaid.

CABBAGE, NEW IDEAL.

The largest early round headed variety, and most solid early Cabbage grown. A vigorous grower, forming large, compact, hard heads with only a few outer leaves. Unexcelled in flavor, unequalled in quality, sells readily at good prices in any market. Excellent for first early and late plantings. We recommend it to all market gardeners as well as for general planting. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00 postpaid.

RADISH, GERMAN WHITE DELICIOUS.

A new summer radish from Germany. Not since the now so popular "Icicle" Radish was brought to us from Germany have we found such an excellent Radish as the "White Delicious," which we now offer for the first time to our customers. "White Delicious" is particularly adapted for summer use, producing handsome olive-shaped



New Delicious Radish.

CUCUMBER, DAVIS PERFECT.

An excellent cucumber for both outdoor use and forcing. The fruits grow eleven to twelve inches long on an average; slim, slightly pointed, a dark, glossy green color, which they keep until ripe, then turning white. In quality it is very tender, brittle and of fine flavor. A very vigorous grower, withstanding blight better than other long sorts. Grown in the field the color resembles hot-house grown stock and it sells in competition with same. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25 postpaid.

NEW PEA, SURPRISE.

The earliest of all the sweet, wrinkled peas. This remarkable new sort is a cross between American Wonder and Alaska, possessing the quality of American Wonder and the early season of the Alaska. The vines grow 24 inches high, need no bushing or support. The pods are good sized and well filled. Ready for the table in 50 days. Pkt. 10c; $\frac{1}{2}$ pt. 20c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.15; pk. \$2.00 not prepaid.

SAVOY CABBAGE, KING OF EARLIEST.

The earliest of all the Savoy cabbages. Forms medium sized, very solid heads of conical shape, with blunt point; leaves finely crimped. Superior in flavor to the smooth leaved cabbages, its delicious flavor is like that of Brussels Sprouts. Without question the earliest and finest Savoy for field culture; of equal value to the market gardener and private garden. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

MUSK MELON, HOODOO.

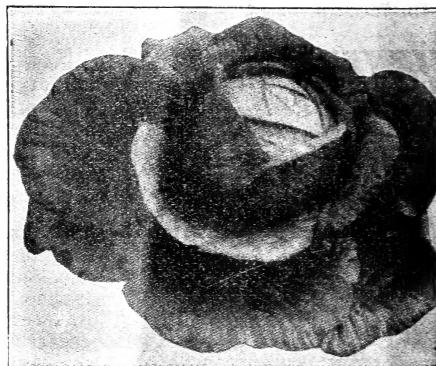
One of the best market and shipping melons, and unsurpassed for the home garden. Nearly round, slightly flattened from stem to blossom end; rind very tough. The melons average 1 $\frac{1}{2}$ lbs.; surface thickly netted; very solid and heavy. Flesh rich salmon colored, fine grained, of sweet, delicious flavor. The seed cavity is small. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25 postpaid.

KOHLRABI, NEW WHITE DELICIOUS.

Undoubtedly the finest market sort. Flesh white, tender and of delicate flavor. Ripens very early; foliage erect, short leaves. Hardier than any other variety, suitable for forcing and open ground. Packet 10c; oz. 25c; $\frac{1}{4}$ lb. 90c postpaid.

PARSLEY, DWARF PERFECTION.

Of highly decorative appearance and of fine delicate flavor. The plant is of dwarf, symmetrical form, 6 to 8 inches high and about 10 inches across. Leaves finely curled, light green. For market



Ideal Cabbage.

roots, which are pure white, exceedingly crisp and of mild flavor. It requires a longer time to mature than the earlier varieties of Radishes, but remains in fine condition much longer. It is altogether the most desirable variety for summer use. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00 postpaid.

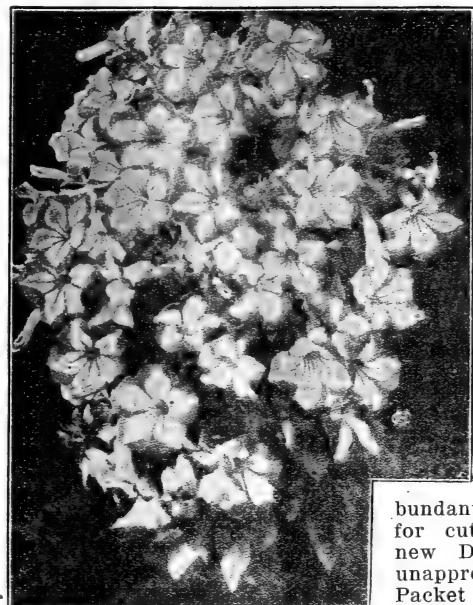
TOMATO, NEW EVERBEARING.

Enormously productive, beginning to bear in June and the plants continually produce fruits until cut down by frost. Fruits are produced in immense clusters of 50 or more, are plum shaped, bright scarlet, very solid and of finest flavor. Excellent for preserving. A splendid Tomato for the home garden, being the best of all small fruited sorts. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.



Everbearing Tomato.

FLOWER SEED NOVELTIES.



Petunia Norma.

AGROSTEMMA, NEW WHITE FRINGED.

Rose of Heaven.

This new variety of the "Rose of Heaven," is an exceedingly pretty, free-flowering annual, with finely fringed pure white flowers of $1\frac{1}{2}$ in. in diameter. The plants are of compact growth, forming round bushes of about 12 in. in height, covered with long-keeping flowers during the greatest part of the summer, of easy culture and well adapted for borders. Packet 10c.

BUSH ESCHOLTZIA.

Hunnemannia.

Grows into a bush 2 ft. high, with the beautiful foliage of the Escholtzia enlarged. Large cup-shaped flowers, 3 inches across, on stems 12 inches long; the color is of clear bright yellow, contrasting vividly with the bunch of golden stamens in the centre; the petals are broad, overlapping and crinkled like crushed yellow satin. Plants, from seed sown early, commence to bloom in July and continue to flower for months. Cut flowers keep in water for two weeks. Pkt. 10c.

FORGETMENOT "TOM THUMB." Sky Blue, Dwarf Pillarshaped.

This new introduction is of very dwarf, compact growth and has the true pillar shape. Even more free flowering than the old type of Forgetmenots. Its foliage is very fine and sets off the pretty sky blue flowers to great advantage. On account of the regular habit and height of the plant it may be highly recommended for borders and beds. The plants are literally covered with flowers from top to lowest branches. Grows about 6 inches high. Pkt. 15c.



Australian Golden Daisy.

PETUNIA HYBRIDA "NORMA."

Blue with White Star.

The plants of this beautiful new variety are of compact habit and produce their lovely velvety blue and white starred flowers in greatest abundance throughout the summer. While the flowers are not as large as those of the Large Flowering types, they will produce four times as many and are better adapted for bedding. In bloom all the time. Everywhere, in small gardens; for large beds and groups, in window boxes, for borders or as a pot plant of great value on account of its easy culture, and rich and lasting florescence. Pkt. 15c.

DIANTHUS, GIANT RUFFLED AND FRILLED.

A magnificent new strain of these ever-popular Garden or China Pinks. The flowers are of large size, averaging 3 to 4 inches across. The petals are ruffled, frilled and fringed, lending grace and beauty to the gorgeously colored blossoms which range from dark blood-red to glowing crimson, carmine-rose, salmon-pink and white; some of the flowers are mottled and blended with two or more shades. The plants are bushy and compact, about 1 foot high, and flower abundantly through summer and fall. For garden decoration and

for cut flowers these new Dianthus are of unapproachable beauty. Packet 10c; 3 packets for 25c.



Agrostemma.

AUSTRALIAN GOLDEN DAISY.

Dimorphotheca.

A rare and extremely showy annual from South Africa, soon to become a great favorite on account of its very easy culture and beautifully colored flowers. The plants grow 12 to 15 in. high and are very profuse in flowering. Its Marguerite-like blossoms, $2\frac{1}{2}$ to $2\frac{3}{4}$ in. in diameter, show a unique **glossy rich orange gold**, which brilliant coloring is rendered the more conspicuous by the dark disc surrounded by a black zone. Well adapted for groups or borders, it produces its pretty flowers very early after being planted out in the open ground in sunny situations and will continue to flower during the summer months. A bed in full bloom is a magnificent sight on bright days. Award of merit at the Temple Show, London, last May. Packet 15c; 3 for 40c.



Christmas Tree Comet Aster.

CHRISTMAS TREE COMET ASTER.

"ROYAL ROSE."

New and of distinct habit of growth and a branching pyramidal form. The plants are quite early in blooming and are most desirable for planting individually at some little space apart, thus showing the symmetrical form of growth. The flowers are of the very best Comet form, the petals being very long and perfectly waved and curled. Extremely free flowering, each plant bearing many beautiful blossoms of a pleasing shade of rose. Valuable for beds, groups, borders and as a pot plant; useful for cutting. About 16 to 18 in. high. Pkt. 15c.

NEW ANNUAL SWEET WILLIAM.

One of the finest novelties of the season. The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed and continues in flower several weeks. The plants produce fine heads of bloom of various colors and are fragrant. Mixed colors. Pkt. 10c.

NEW LARGE FLOWERING TUFTED PANSIES.

These large flowering English Bedding Pansies will bloom throughout the season. The plants form round compact bushes, are perfectly hardy, and will do well in shady places. Flowers are produced in the greatest profusion, and are of great diversity of colors. The ordinary Pansies fade and wither very soon in hot weather, while these Tufted Pansies will stand any weather, and remain fresh and in full bloom until frost. Mixed colors. Packet 15c.

PETUNIA "CANARY BIRD."

After many years of patient labor on the part of specialists we now have a YELLOW PETUNIA which combines with its distinctive color a finely fringed form of flowers and compact habit of growth. The plants grow about 14 inches high; the lovely flowers are of good size, with fringed and curled borders, and distinct light yellow color, which deepens at the throat. Very free flowering. This splendid novelty needs very little recommendation as everybody wants yellow petunias. Packet 20c.

To Our Illustrations on Back Cover.

OUR "BOUNTIFUL" COLLECTION OF BEST VEGETABLES.

KLONDIKE CUCUMBER.

This valuable variety is one of the best for slicing, and will produce Cucumbers equal in appearance to the hot-house grown specimen. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. It matures early and continues bearing for a long time, and the vines make such a healthy and vigorous growth that they produce a good crop even in a poor season. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.35.

MUSK MELON, HUNGARIAN PINEAPPLE.

A decided acquisition and the finest flavored, sweetest and most aromatic of all musk melons. Ripens medium early, very prolific and a good shipper. Exterior very interesting, warty, when ripe of brilliant golden yellow. Flesh deep red, very rich and juicy, resembling the pineapple in its aromatic flavor. For the home garden you can not possibly find a finer quality melon. Our customers were very enthusiastic over this melon last season, when we offered the seed for the first time. Packet 15c; oz. 40c.

SWEET CORN, WHITE MEXICAN.

The best early market variety. The White Mexican possesses all the good qualities of the old Black Mexican—just as sweet, with just as fine a flavor—without the objectionable color. It matures early, is a good yielder, and remains in edible condition perhaps longer than any other early variety. For market or home use you will make no mistake in planting largely of this sweet corn. Pkt. 10c; $\frac{1}{2}$ pt. 15c; qt. 40c postpaid. Not prepaid, $\frac{1}{2}$ pk. 75c; pk. \$1.35.

NEW CORELESS TOMATO.

The most perfect shaped canning variety ever produced. Large size, globe shaped, full at stem end, bright red, a strong grower and big cropper. In season it is a main crop variety. There is little depression at stem end, making it very economical for all uses. It is most productive, clusters of six or more fruits being produced at close intervals all along the stems. In size this sort averages large, the individual tomatoes weighing twelve ounces or more each. It is so free from any core that it is entitled to be called Coreless. Fine for slicing, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh, which is slightly more acid than some varieties. Its color is very brilliant and rich red. It is a long-distance shipper on account of its superior solidity. Packet 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

VOLGA CABBAGE.

This is one of the best large cabbages ever introduced. For uniformity in growth, shape of head and hardiness we have never seen its equal in a large heading variety. Plants set out July 9th on very ordinary soil with no manure or fertilizer produced large, solid hard heads by the 10th of October—two or three weeks earlier than other large kinds. The plant is nearly all head having few outside leaves. The heads are nearly as round as a ball and almost as hard and solid as Danish Ballhead, while they are much larger and heavier, often weighing 15 lbs. each. It heads so uniformly that hardly a plant in 500 will not produce a good large solid head. It will yield more tons per acre than almost any cabbage we know of. Packet 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Above Collection of Novelties, 1 pkt. each, postpaid for only 40c.



FRUIT DEPARTMENT.

APPLES.

This is the most important fruit we have. It is profitable to the producer, more so than any other crop of which we know. A good apple is relished by all and at all times. By planting the right varieties, we can have fresh apples almost during the whole year. The Early Harvest ripens by the Fourth of July, while such varieties as the Janet, Winesap, Ben Davis and Northwestern Greening will keep fresh till June 1st.

Apples should be planted about 25x25 feet; some plant 30x30 feet. In this case it is advisable to plant peach or cherry trees between the rows. Plant trees about one inch deeper than they stood in the nursery, keep the ground free from weeds and well cultivated.

We give below a list of the best varieties in cultivation for home use and market. Two years old first class Apples are not as plenty as usual this year and prices therefore rule somewhat higher. In the two year old trees the caliper is about as follows: 5-7 feet, $\frac{3}{4}$ inch and up; 4-5 feet, $\frac{1}{2}$ to $\frac{3}{4}$ inch; 3-4 feet, $\frac{1}{2}$ to $\frac{3}{4}$ inch; 2-3 feet, less than $\frac{1}{2}$ inch. All our Apples are grafted either on whole or piece roots.

We make the following low prices on 2 year old Apple trees, all varieties except where otherwise mentioned.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, 2 year old, grafted	\$0.06	\$0.60	\$6.00	\$60.00
3 to 4 feet, 2 year old, grafted .....	.12	1.10	10.00	95.00
4 to 5 feet, 2 year old, grafted .....	.20	1.85	17.00	165.00
5 to 7 feet, 2 year old very strong .....	.25	2.35	22.00	210.00
Small trees, grafted, by mail postpaid .....	.10	.85	8.00	.....

We have a large block of Apple, 1 year old from graft. These are first class in every respect, well rooted, good caliper, straight stems, but not branched and are the very best trees to plant in large orchards. They are sure to grow and all can be headed the same height and will make an even orchard. Prices as follows:

	Per 1	Per 10	Per 100	Per 1000
18 to 24 inch, strictly one year old	\$0.05	\$0.50	\$5.00	\$45.00
2 to 3 feet, strictly one year old .....	.08	.75	7.00	65.00
3 to 4 feet, strictly one year old .....	.12	1.10	10.00	95.00
4 to 5 feet, strictly one year old .....	.17	1.60	15.00	140.00

Of one year Apples we can furnish all varieties as given below except Janet, Scotts Winter, White Winter Pearmain and York Imperial.

WINTER VARIETIES.

Arkansas Black. Fruit is large, of roundish shape; color rich dark red; flesh orange yellow. A good market sort, very hardy and trees bear well, even when young.

Baldwin. A well known variety. Fruit large, round, or somewhat flattened, smooth and of red color; flesh yellow, rich, crisp and juicy, of good quality. Excellent for table use and cooking. In the eastern states this is regarded as one of the most popular and profitable market sorts. Tree is a strong, thrifty grower and very productive. Season, December to March.

Bayard. A newer variety which can be well recommended. Fruit large, round, dark red with white dots; flesh white, fine grained, solid, crisp and juicy, with a refreshing vinous flavor. Is an excellent keeper. Tree grows upright and vigorous, is an abundant and constant bearer. Very hardy. We have 1 year old trees only of this variety.

Ben Davis. Known also as Kentucky Red, and New York Pippin. This variety is still in good demand for commercial and family orchards. Fruit large, round, bright yellow, covered with red; flesh white, tender, juicy; flavor sub-acid. Fine keeper. The tree grows upright and very vigorous. Is heavily planted in Missouri and Arkansas.

Gano. A seedling of the Ben Davis, originated at Parkville, Mo. It very much resembles the Ben Davis in appearance. Claimed to be better flavored, more productive and profitable than its parent.

Grimes Golden Pippin. Large, golden yellow, excellent quality and flavor, and a very good bearer. Not hardy north of Nebraska.

Janet or Jenaton. Medium size; greenish yellow, striped with red. Very juicy and a long keeper. Tree blooms ten days later than other apples, and often will bear a good crop when other sorts fail on account of late frosts.

APPLES. WINTER VARIETIES—Continued.

Jonathan. Probably the best apple in regard to quality and flavor grown in America. Fruit deep red, with yellow at both ends, of medium size. Flesh tender, juicy and very rich, with a delicate, vinous flavor. Tree is a moderate grower. Very productive and a young bearer. Keeps well until February. Largely planted in New Mexico, Colorado and Idaho. Not hardy north of here.

Mammoth Black Twig. An improved Winesap. A better and larger apple than the Winesap, and healthy and vigorous grower.

Missouri Pippin. Tree strong, upright grower and great and early bearer, the branches frequently breaking down under the burden of fruit. Fruit medium size, bright red, striped and splashed on yellow ground; shape lop-sided, flavor acid, quality good. Use: market, kitchen, cider.

Northern Spy. Fruit large, striped, very good quality, very hardy.

Northwestern Greening. Tree a splendid, vigorous grower, hardy. Fruit large, green, becoming yellowish-green when ripe. Flesh yellow, fine grained and firm; flavor a good sub-acid. Very smooth and attractive, and taking place second only to the Wealthy as an all around late market apple.

P. Russet. Medium size, dull russet. Crisp and juicy. Not adapted for Nebraska.

Scott's Winter. Very hardy and vigorous; bright red, crisp, spicy and of a brisk acidity; long keeper.

Stayman's Wine Sap. Tree vigorous, hardy, spreading. An early bearer and very productive; fruit medium size, round, approaching conic; skin smooth, greenish yellow, splashed and striped with red and purple; flesh yellow, firm, tender, juicy, rich, sub-acid, aromatic, quality best. Splendid late keeper.

Tolman's Sweet. Tree hardy and strong grower, fruit medium, nearly round, somewhat flattened; surface smooth yellow. Flavor sweet, rich. Flesh yellow, firm. Used for baking and dessert.

Winesap. An old favorite; one of the best; tree a vigorous grower with spreading top. Fruit medium, conical; surface smooth, bright red on yellow ground. Flavor rich, sub-acid; quality best; use: table, market, kitchen and cider. Very desirable on account of its productiveness and general good quality.

White Winter Pearmain. Tree moderate grower with spreading top. Fruit medium, handsome, but sometimes scabs badly. Surface smooth, yellow. Flesh yellow, fine grained, tender, juicy. Flavor mild, sub-acid, very rich. Quality best. Splendid for table, kitchen and market.

York Imperial. Generally known and popular with many of our most experienced orchardists. Tree moderate grower and productive; fruit large, lopsided, surface smooth; color mixed bright red on yellow ground. Flesh yellowish, tender, juicy. Flavor mild, sub-acid. Quality very good. Fine for market, table and kitchen use.

The following varieties: **Rome Beauty, Spitzenburg, Yellow Newton Pippin and McIntosh Red;** we have only 1 year old trees, at following prices:

	Per 1	Per 10	Per 100	Per 1000
18 to 24 inch strictly 1 year from graft	\$0.08	\$0.75	\$6.00	\$55.00
2 to 3 feet strictly 1 year from graft .....	.12	1.00	9.00	85.00
3 to 4 feet strictly 1 year from graft .....	.15	1.35	12.00	110.00
4 to 5 feet strictly 1 year from graft .....	.20	1.75	16.00	150.00

Rome Beauty. A very fine sort, of which large orchards are planted in New Mexico, Colorado and Idaho. It is one of the best market apples. Fruit large, yellow with red; of good quality and a long keeper. Tree bears well. Not hardy in Nebraska.

Spitzenburg. Large, oblong, and smooth, nearly covered with rich lively red a dotted with yellowish russet dots, on shaded side yellowish with broken stripes of red; flesh firm, crisp, juicy, with a delicious crisp flavor. An old stand-by, whose popularity has never waned.

Yellow Newton Pippin. Large; skin smooth, golden-yellow; flesh firm, crisp, juicy; one of the standard varieties in California and more extensively planted than any other apple. January to March.

McIntosh Red. Large, roundish, skin mostly covered with bright red or crimson, almost purplish in the sun. Flesh white, very tender, juicy, mild sub-acid. Tree vigorous, extremely hardy and long lived. Good bearer. Best variety for market in Wyoming and Montana.

Winter Banana Apple. An excellent variety, which has stood the severest tests. Tree is hardy and will succeed in very cold climates; its wonderful productiveness will bring quicker and larger returns than any other apple in the orchard. The fruit has a richness of flavor that cannot be described. Surpasses in aromatic taste the choicest pear, plum, apricot, peach, cherry or any other fruit grown. Flavor very rich, spicy and aromatic. Flesh golden yellow, fine grained, firm and juicy. Tree a very strong grower and will grow to be a tree of immense size; suitable for lawn or shade tree, the leaf being nearly double the size of other apple sorts. Order a few and you will be well pleased.

Price of Banana Apple.

	Per 1	Per 10	Per 100
18 to 24 inch, strictly 1 year from graft	\$0.12	\$1.00	\$10.00
2 to 3 feet, strictly 1 year from graft .....	.15	1.40	13.00
3 to 4 feet, strictly 1 year from graft .....	.20	1.80	17.00
4 to 5 feet, strictly 1 year from graft .....	.25	2.25	20.00

I received the trees and Rhubarb all O. K. Am very much pleased with same. Please accept my thanks for your prompt attention. Bartlesville, Okla. March 6th, 1909. Mrs. C. Witherspoon.



Winter Banana.



Wealthy.

APPLES.—Continued.

FALL VARIETIES.

Wealthy. A variety highly valued for its extreme hardiness at the far north. Tree thrifty grower and good bearer. Fruit medium, roundish; skin smooth, mostly covered with dark red; flesh white, fine grained, juicy, sub-acid, good quality. Will keep till January. Extra good market sort and splendid dessert and cooking apple..

This is one of the few most desirable varieties for Minnesota, Wisconsin, Iowa, Nebraska, as well as the Eastern and Middle States. In season it differs somewhat according to locality.

Autumn Strawberry. Tree upright, thrifty grower; fruit medium, roundish; surface smooth, waxen, yellow, mixed and striped with scarlet. Flesh yellow, tender, fine grained, very juicy. Quality

best. For dessert especially desirable. Season: August and September.

Fameuse. (Snow Apple.) Tree hardy, vigorous and productive. A fine apple of medium size, round, surface pale yellow nearly covered with red. Flesh snowy white, tender, fine grained, juicy; flavor mild, sub-acid. Quality very good. Use: dessert, kitchen, market. Season: Nov. to Jan.

Haas. Fruit medium size, greenish covered with red stripes and splashes. Flesh snow white, juicy, with peculiar rich flavor, and of good quality. A handsome fruit when well colored. Tree strong and upright grower, very productive.

Maiden Blush. Large, pale yellow with beautiful blush cheek. Flesh snow white, juicy and of good quality. Succeeds well in the Eastern States. Tree not very productive here. Season: September to October.

Pumpkin Sweet. Large, yellowish russet, flesh white, very sweet and of rich flavor. Tree is a free grower and very productive. Season: August to September.

Wolf River. Originated in Winconsin. Large, handsome light yellow with stripes and splashes of carmine, very showy. Flesh white, firm, juicy, pleasant spicy flavor, good quality. Tree vigorous and fairly productive. An excellent cooking apple.

SUMMER VARIETIES.

All early varieties bear well, but the apples do not keep long. It is therefore not best to plant too many of the early trees.

Cooper's Early White. Size medium; color pale yellow with faint blush on sunny side. Flesh white, crisp, sprightly, mildly acid. A good cooking variety. Tree hardy, an early bearer, heavily productive.

Duchess of Oldenburg. A Russian apple and considered of great value farther north. Tree moderate grower and hardy. Fruit medium size, surface smooth, waxen yellow with stripes and splashes of red. Flesh white, tender and juicy; rich sub-acid flavor. A fine cooking apple and makes splendid jelly. Excellent tree in hot dry climates on account of its dense foliage. Season: July to August.

Early Harvest. (Yellow Har. est.) The most popular summer apple on our list. Tree healthy, vigorous grower and good bearer. Fruit medium size, nearly round, surface smooth, clear waxy yellow, rarely blushed. Flesh tender, juicy, sub-acid; flavor good, quality best. Ripens in July.

Red June. Tree a fine grower and abundant bearer, continuing a long time in use. Fruit medium sized, roundish inclining to oblate; greenish yellow, striped, splashed, and shaded with dull red. Flesh white, tender, moderately juicy, rich, pleasant, sweet; very good flavor. July and August.

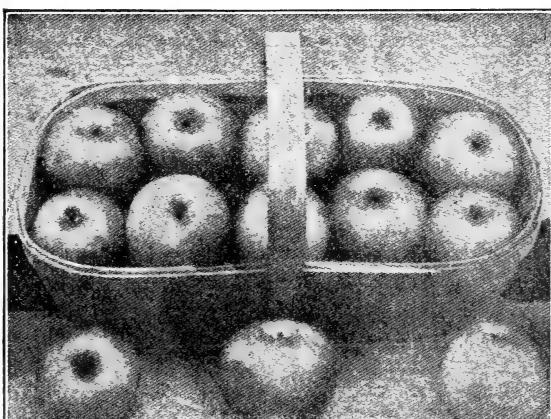
Red Astrachan. Fruit large, beautiful deep crimson. Flesh white, crisp, juicy, quite acid; good quality, excellent for cooking. Tree upright, vigorous grower. An early and abundant bearer. A hardy Russian variety. Season Aug. A splendid market sort.

Sweet June. A good small apple. Fruit roundish, regular, flesh light yellow, very sweet, pleasant and rich. Fine quality. Ripens early.

Yellow Transparent. One of the earliest apples. Fruit medium large, smooth, transparent. Skin clear white turning pale yellow when ripe. Flesh white, tender, fine grained, of splendid quality. Tree vigorous; good bearer. Two year old trees frequently produce fruit. Succeeds well in all Eastern States and should be planted in all cold climates. Ripens in early August.

For prices on above varieties of Apples see p. 9.

We pay freight charges on all orders for trees and plants (not seeds) amounting to \$10. or over.



Yellow Transparent.

CRAB APPLES.

Perfectly hardy, will succeed anywhere, bear young and plentifully. Should be planted freely where other apples do not succeed on account of cold weather. The fruit is excellent for preserving, jellies and some sorts are splendid table fruits.

Prices of all varieties.

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, 1 year-old, grafted...	\$0.08	\$0.75	\$7.00	\$68.00
3 to 4 feet, 2 year-old, grafted...	.13	1.20	11.00	100.00
4 to 5 feet, 2 year-old, grafted...	.20	1.85	18.00	170.00
5 to 7 feet, 2 year-old grafted...	.25	2.35	22.50	220.00
Small trees, by mail, postpaid	.10	.85	8.00	....

Florence. One of the best crabs to plant. It is early and bears well. Fruit is large and of good quality. Originated in Minnesota. Tree is very hardy.

General Grant. Fruit large, round; cream yellow ground nearly covered with red stripes; flesh white, tender, mild sub-acid. A good market sort and in great demand for culinary purposes. Tree a vigorous, upright grower and good bearer. Ripens in October.

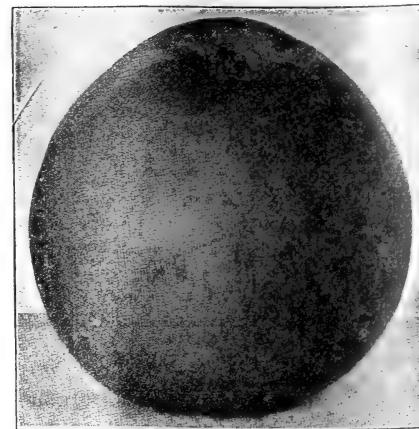
Hyslop. Deep crimson, medium size, acid. Bears abundantly in clusters which makes the tree exceedingly ornamental. Its high color always commands a good market price for it. Good for cider and culinary purposes. One of the most beautiful crabs, and tree is very hardy. Ripens late.

Martha. A leading variety everywhere. Fruit large, yellow with red. Flesh fine grained and firm. Flavor mild, sub-acid. Very juicy and exceptionally fine for cooking. A good shipper, and as a jelly crab it has no superior. Very hardy, a rapid grower and great bearer. Season: October and November.

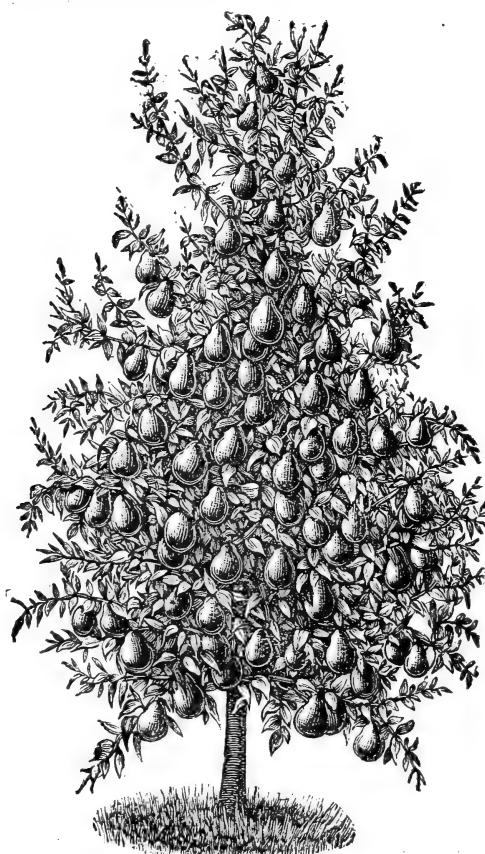
Red Siberian. Fruit small, round and grows in clusters. Very acid. Tree is a free grower and handsome, bears young and abundantly. Of extreme hardiness.

Transcendent. Fruit medium to large, brownish red, showy and very handsome. Flesh firm and crisp, fine grained, juicy and acid. Excellent for making jelly, pickles and preserves, splendid for making cider. Does well in South Dakota and the North. A vigorous grower, about the hardiest of all. An immense bearer and often bears fruit three years after planting. Season: September.

Van Wyck. Large, yellow mottled with red; sweet and tender. Tree is a vigorous grower. Season: October to November.



Martha Crabapple.



Dwarf Pear Tree.

Whitney No. 20. A large crab, $1\frac{1}{2}$ to 2 inches in diameter. Skin smooth, glossy green, striped with red. Flesh firm, juicy, and flavor very pleasant. A fair dessert apple, and one of the best for cider and vinegar. Tree a great bearer and very hardy. Really deserves a place in our apple list. There are few early varieties of so much merit. One of the best for the northern states. Ripens in August.

DWARF PEARS

Dwarf pear trees are budded on quince stalks. They never grow very large, therefore can be planted close together, about 12x12 feet is right. This makes them suitable for gardens and town lots. They will bear two or three years after being transplanted. If the ground is drawn up around the tree in the late fall to protect the roots, they are perfectly hardy in Nebraska. Spraying with Bordeaux Mixture will keep the blight away. Try a few trees and you will be surprised how soon you will raise a crop of pears. We have the following varieties in Dwarf Pears. (For description see Pears on page 13.)

Anjou, Duchess, Seckel, Garber, Flemish Beauty, Clapp's Favorite, Kieffer and Bartlett.

	Per 1	Per 10	Per 100
3 to 4 feet, 2 years old from bud...	\$0.16	\$1.50	\$14.00
4 to 5 feet, 2 years old from bud...	.20	1.75	17.00
5 to 6 feet, 2 years old from bud...	.25	2.25	20.00
Small trees, by mail, postpaid....	.25	2.00	....

Olex, Oreg., January 25th, 1909

Enclosed find order for Nursery Stock and Seeds. I received all the goods you sent me last spring in fine condition. Out of the 100 Peach trees, I did not lose a single tree, in fact everything grew right from the start. I have been engaged in the fruit and vegetable business for over 40 years and have never received a shipment of trees that gave me as good satisfaction, both in quality and price, as those from your Nursery.

Geo. W. Marvel.

We pay freight charges on all orders for trees and plants (not seeds) amounting to \$10.00 or over.

PEARS.—Standard.

This is one of the very best fruits we have. It far exceeds the apple in flavor. Most varieties are good bearers. They should be planted 20 feet apart. The tendency of the pear root is to grow straight down, therefore the holes should be dug deep and refilled to the proper depth with loose earth. Spraying with Bordeaux Mixture prevents pear blight. Cut back the long shoots every year about half, and you will have no trouble in raising plenty of pears here in the west. Our list embraces the best varieties.

Prices of all varieties except Anjou,
Bartlett and Rutter.

	Per 1	Per 10	Per 100
3 to 4 feet, 2 years, budded.....	\$0.18	\$1.70	\$16.00
4 to 5 feet, 2 years, budded.....	.25	2.25	21.00
5 to 7 feet, 2 years budded very strong..	.35	3.25	30.00
Small trees, postpaid by mail.....	.25	2.00	....

Of the following varieties we can furnish 2 to 3 feet, strong trees, mostly whips, not branched: **Duchess, Garber, Japan Golden Russet, Kieffer, Koonce, Leconte, Vermont Beauty and Wilder**, at the following prices:

	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, nice trees.....	\$0.12	\$1.10	\$10.00	\$90.00

Bartlett-Seckel. This variety is a cross of the well known Bartlett and Seckel and combines the good qualities of both. In size it is much larger than the Seckel. The fruit is of the finest possible quality, with hardly any core; melting and juicy. Tree is a vigorous grower. Ripens in September.

Clapp's Favorite. Fruit very large, long, yellow and dull red, with russet specks. Flesh juicy and delightful in flavor and quality. Ripens in August.

Duchess. (Duchesse d'Angouleme.) Very large; of good quality; greenish yellow; flesh white, juicy and rich. One of the very best as a dwarf. Tree hardy; ripens end of September.

Flemish Beauty. A large, beautiful, melting, sweet pear. Tree very hardy, vigorous, and fruitful; succeeds well in most parts of the country. Ripens September to October.

Garber. Fruit large, yellow with red. Tree very hardy and bears young. One of the Japan Hybrids and valuable as a market variety. Ripens early.

Japan Golden Russet. Large, handsome, flatshaped fruit of golden russet color. An enormous bearer. Quality about the same as the Kieffer. Fine for Cooking and for canning. Largely planted in Oklahoma and Texas. Very profitable market sort; keeps well in winter.

Kieffer. A profitable market variety on account of its good shipping and keeping qualities; of large size and fine appearance; it is popular and profitable on account of the early bearing and productive habit. A favorite for canning and preserving. Most planted of any in the northwest, and does well in Kansas, Oklahoma and Texas. Ripens medium early.

Koonce. Medium to large, very handsome, surface yellow, one side covered with bright carmine; dotted with brown, early, quality good, spicy, juicy and sweet. The handsome and best very early pear.

LeConte. Very large pear, resembling the Bartlett in shape and color. Largely planted in Texas and Oklahoma, where it succeeds the best. Fruit firm and of fair quality.

Seckel. This small but most delicious pear originated on the farm of Mr. Seckel, near Philadelphia. Without question the richest and most highly flavored variety known. Its highly concentrated, spicy, one-eyed flavor is not equalled by any other variety. Skin brownish-green with a lively russet-brown cheek; flesh whitish, buttery, juicy and melting. Always in demand as a dessert and market pear. Ripens September to October. A good pear for the West.

Vermont Beauty. A most desirable pear. The fruit is of medium size, very handsome, being yellow with a bright carmine cheek; the flesh is rich, juicy, aromatic, of the best quality and almost equal to the Seckel. Ripens immediately after the Seckel.

Wilder. Ripens extremely early. Fruit of medium size, greenish yellow, with small core. Flesh yellow, fine grained tender, sub-acid, melting and delightful in flavor. The tree bears good crops early.

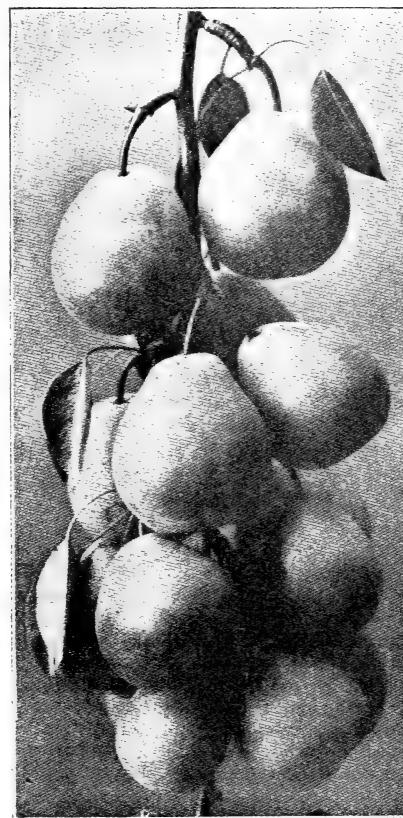
Price of Anjou, Bartlett and Rutter.

	Per 1	Per 10	Per 100	Per 1000
to 3 feet, one year from bud.....	\$0.15	\$1.40	\$13.50	\$125.00
to 4 feet, one or two year from bud.....	.22	2.10	20.00	180.00
to 5 feet, two year from bud.....	.30	2.75	25.00	230.00
to 7 feet, two year from bud.....	.37	3.50	33.00	300.00

Anjou. A large greenish Pear, shaded with russet-crimson; the flesh is high flavored, rich, and vinous; the tree is very productive either as dwarf or standard. For late fall and very early winter use we ave no better variety. Keeps well until winter holidays when it demands a high market price.

Bartlett. Large; skin very thin, clear lemon-yellow with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence; thrives in all parts of California. The most popular of pears and highly esteemed for canning. Ripens in September.

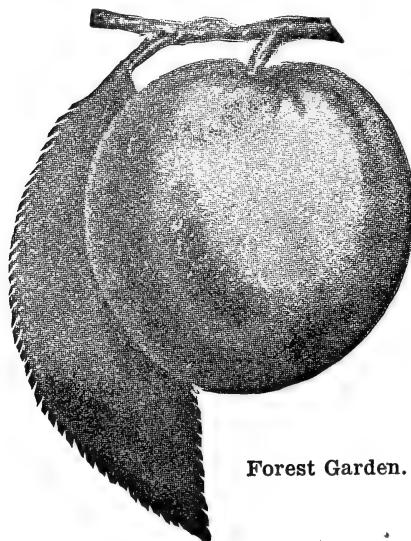
Rutter. Wherever this has been tried, it gave the best results. The tree is an exceedingly strong and vigorous grower; bears when very young, full crops of delicious fruit and will not blight. The fruit is rather rough skin, is greenish yellow, sprinkled with russet; large and almost globular in form. The flesh is white, moderately juicy, nearly melting, sweet and slightly vinous. Ripens in September and keeps a long time. One of the very best pears for our western climate.



Kieffer.

PLUMS.

Plums should be planted about 10 feet apart, and varieties should be mixed. Better plant four or five varieties than only one, as they will bear much better than when one variety is planted alone. The native varieties do well anywhere in the West. The foreign varieties are very hardy, and will do well as far north as Minnesota and South Dakota. Japanese varieties are more tender; still they do well most years in Nebraska and southern Iowa. They bear very young and the plums are of the finest quality. Try a few.



Prices of all Varieties, except Santa Rosa.	Per 1	Per 10	Per 100
2 to 3 feet, 2 years old from bud.....	\$0.12	\$1.20	\$12.00
3 to 4 feet, 2 years old from bud.....	.18	1.70	16.00
4 to 5 feet, 2 years old from bud.....	.30	2.75	24.00
5 to 7 feet, 2 years old from bud.....	.35	3.25	30.00
Small trees, by mail postpaid.....	.25	2.00	...

NATIVE VARIETIES.

DeSoto. Probably the most grown of the American sorts. Fruit of medium size, bright red; flesh yellow and firm, of fine flavor and good quality. It is a profitable market variety and excellent for all home uses. Tree very hardy and productive. Does well in the Dakotas and Minnesota. Season: September.

Forest Garden. Fruit large, nearly round, dark purplish red; flesh yellow, firm, rich and of good flavor. Tree vigorous, very hardy, bearing early and abundantly. Ripens medium early and can be recommended for the market. Season: Early September.

Milton. Rather large, fruit of dark red color; skin thin; flesh firm and of good quality. Ripens earlier than Wild Goose. Its large size, good quality and extreme earliness makes it very valuable. A strong grower and very productive. One of the best.

Forest Garden. **Weaver.** One of the free stone plums that are hardy enough in the far north. Fruit large, oval, of rich purple color with blue bloom; flesh firm, clear golden, of rich quality. Tree very hardy and prolific, a good and regular bearer. A good market sort and surpassed for home use. Ripens medium late. A fine plum. Season: August.

Wild Goose. The first native plum to be generally planted. Fruit of medium size, bright, clear red, with blue bloom; of sweet flavor and very juicy. Ripens medium early. Tree healthy and spreading, blooms in large, snowy banks and is very ornamental. On account of earliness, productiveness and good shipping qualities it is a popular sort. Season: July.

Wolf. No western native plum has been more generally commended, than this. It is very productive, regular in bearing from Kansas to Minnesota, being perfectly hardy and has given good satisfaction wherever planted. Fruit round, oval, large for native plum; color crimson over orange, prettily dotted with bluish bloom, flesh yellow, of good flavor and quality. Stone perfectly free. Season medium. Tree beautiful and symmetrical, inclined to over bear. Very popular in all markets. Season: Aug.

EUROPEAN VARIETIES.

Beauty of Naples. A new variety of great promise. Fruit of large size, light yellow when fully ripened. Flesh firm; juicy and very fine flavored. An excellent dessert plum. Tree very hardy and prolific. Ripens middle of September.

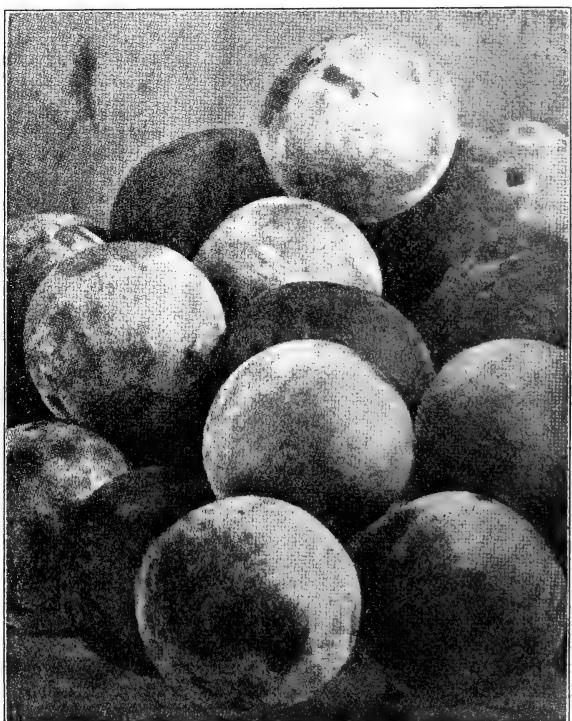
Blue Damson. Fruit medium sized, oval, of rich blue color and good quality. Flesh melting and juicy, rather tart, separates partly from the stone. Tree is hardy and a heavy and annual bearer. Season: September.

Green Gage. Fruit of medium size, round; color greenish-yellow with white bloom. Flesh, white, juicy, very sweet and of extra good quality. Tree is small, very hardy and a good bearer. One of the most popular culinary plums. Ripens in August.

Lombard. Fruit medium large, oval, violet red with blue bloom. Flesh yellow, firm, very sweet and of good quality; stone cling. Tree grows vigorously, adapts itself readily to all soils, and bears well. A leading market variety and ripens in August. Bears well in Nebraska. Season: Late August.

Reine Claude. Fruit large, roundish oval. Skin greenish marked with red in the sun. Flesh yellow, juicy, rich and excellent. Very productive. Ripens in September.

Yellow Egg. Fruit very large, of egg shape, with long stem. Color creamy yellow when ripe. Flesh yellow, of good quality. Excellent for canning and cooking. Tree vigorous and fruits well. Does well here in the West. Ripens end of August.



Blue Damson



Italian Prune.

averaging six inches in circumference each way. The flesh near the skin is purple, shaded with rosy scarlet and pale amber towards the stone, which is quite small; the eating quality is unequaled, rich, fragrant, delicious, surpassingly exquisite. Ripens with the earliest, nearly a week before Climax and Red June, and two weeks earlier than the Burbank. Of Santa Rosa Plums we have this year only June buds, $1\frac{1}{2}$ to $2\frac{1}{2}$ feet, at 50c each; 10 for \$4.50.

Satsuma. A fine large plum, with solid flesh and a purplish crimson color from pit to skin; juicy and of fine quality. Pit exceedingly small, very little larger than a cherry stone. Vigorous grower. Ripens in September.

Wickson. The tree grows in vase form, sturdy and upright, is productive almost to a fault. From the time the fruit is half grown until nearly ripe it is of a pearly white color, but all at once soft pink shadings creep over it and in a few days it has changed to a glowing carmine with a heavy white bloom; the stone small and the flesh is of fine texture, firm, sugary and delicious. Will keep two weeks or more after ripening. One of the largest plums grown. Ripens in August.

Meade, Kans.,
April 22nd, 1909.

The plants ordered of you came to hand in good time and condition. Please accept our thanks for prompt attention, also for nice extras.

Mrs M. P. Hamilton.

Noyo, California,
April 10th, 1909.

Received plants O. K., also Expr ss rebate. Thank you for your promptness in rectifying the mistake.

E. G. Nelson.

PLUMS. -Continued.

EUROPEAN VARIETIES.—Continued.

German Prune. Fruit long, oval, of medium size. Color dark purplish-blue with blue bloom. Flesh greenish, slightly yellow, firm and sweet, of good quality. Stone small and very free. It is a good dessert plum, but most esteemed for drying and preserving. Tree is a tall, vigorous grower, and exceptionally heavy bearer. Ripens in September.

Italian Prune. (Fellenberg.) A fine late plum. Fruit large, handsome, of oval shape and purple color. Flesh thick, greenish yellow, juicy and delicious; parts freely from stone. Excellent for drying and preserving. Very productive. Very extensively used in Oregon and Washington for drying purposes. Ripens in September.

JAPANESE VARIETIES.

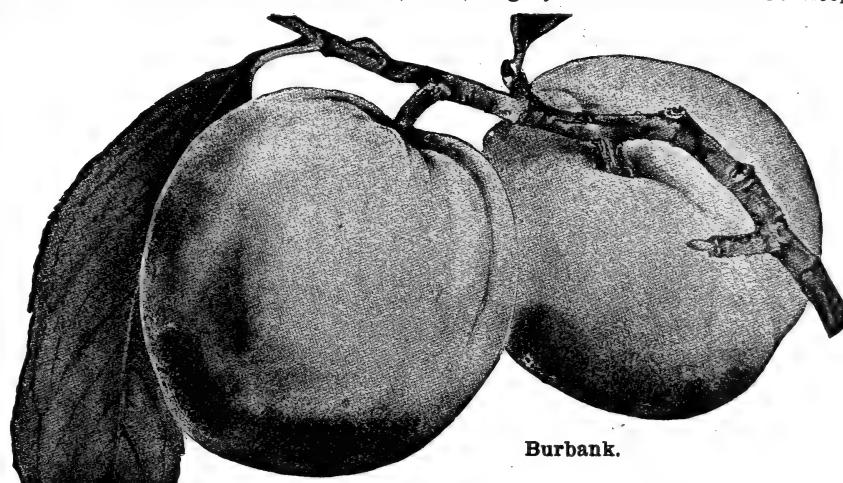
Abundance. (Botan.) The tree is a very rapid grower, healthy in limb and foliage, comes into bearing remarkably young and yields abundantly. The fruit is full, medium size. Color a rich bright cherry red, with distinct bloom and highly perfumed. Flesh light yellow, very juicy and tender; of very good quality. Very hardy. Ripens last of July.

Burbank. A very valuable plum, of deeper color and ripening later in the season than the Abundance. Fruit is large, nearly globular; clear cherry red with thin lilac bloom. Flesh deep yellow, very sweet. Usually begins to bear second year after transplanting. Ripens in August.

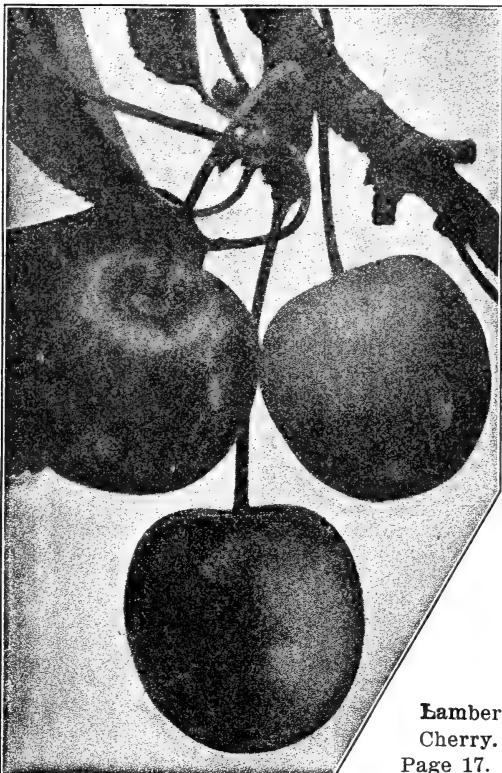
Climax. This is one of Luther Burbank's plums. The largest of the Japanese type and one of the best. The tree is a strong grower, comes into bearing very young, and is extremely productive. The fruit is of enormous size, heart shaped, and of dark red color. One of the earliest. This is a most promising new variety. Ripens early.

Red June. One of the best of the Japanese Plums. Fruit large, deep red, very showy; flesh lemon yellow, slightly sub-acid, of fine quality. A good bearer and one of the most popular early market sorts. Ripens in August.

Santa Rosa. One of Luther Burbank's productions and the very best of his many new plums. During the last seven years that it has been on trial it has never failed to produce bounteous crops of uniformly large, perfect fruit of deep purplish-crimson color, of scarlet and pale amber towards the stone, which is quite small; the eating quality is unequaled, rich, fragrant, delicious, surpassingly exquisite. Ripens with the earliest, nearly a week before Climax and Red June, and two weeks earlier than the Burbank. Of Santa Rosa Plums we have this year only June buds, $1\frac{1}{2}$ to $2\frac{1}{2}$ feet, at 50c each; 10 for \$4.50.



Burbank.



Lambert
Cherry.
Page 17.

CHERRIES.

This is one of the best fruits we have. The sour varieties are very hardy and will bear a full crop almost every year, commencing to bear when three years old. There is hardly a more profitable fruit tree than the cherry for the western states. Sweet cherries need a very protected place in Nebraska, as they are not so hardy as the sour kinds.

All our cherries are budded on Mahaleb stocks, which do not sprout from the roots. These must not be planted too deep, about an inch deeper than they stood in the nursery. Plant about 16x16 feet. By heading the main leading branches back the first few years you will get low, bushy tops, which will come very handy in picking the fruit.

Prices of all varieties.

	Per 1	Per 10	Per 100
2 to 3 feet, 2 years old from bud	\$0.15	\$1.50	\$15.00
3 to 4 feet, 2 years old from bud	.25	2.25	20.00
4 to 5 feet, 2 years old from bud	.35	3.25	30.00
5 to 6 feet 2 years old from bud	.40	3.75	35.00
Small trees by mail, sour sorts only.....	.20	1.20	....

Sweet sorts are too large to go by mail.

LEADING SOUR VARIETIES.

Baldwin. Fruit very large, round, dark red. While it is of sub-acid flavor, it is the sweetest and richest of the Morello type. Ripens just after Early Richmond, in June. Not a very good bearer here.

Dyehouse. Fruit of medium size, color red; of sprightly acid flavor. Fine for preserving and cooking purposes. Of good quality and very productive. Is largely planted for early market. Tree is hardy and a good grower. Ripens early in June.

Early Richmond. (English Pie Cherry.) A well known old standard variety. Very productive and regular in bearing. Fruit red, of medium size, acid, rich and one of the best for canning. Ripens in June. The most popular of the true Kentish cherries.

English Morello. Very dark red, acid, of good quality, and owing to its rich red color looks much better when canned than the Early Richmond. Ripens from July 4th to 15th. Bears very young.

May Duke. An excellent variety with large, dark red fruit; flesh juicy and rich, almost sweet. Tree is rather dwarf in habit.

Montmorency. (Large Fruited.) This is considered one of the best varieties, and one of the finest flavored cherries of this class. Fruit, large, beautiful dark red, sub-acid and of very good quality. Valuable for canning and preserving. A fine shaped tree, hardy and productive.

Ostheimer. A perfectly hardy, very late blooming variety from Germany. Fruit large, heart shaped, nearly black when ripe; flesh juicy and rich. Fine for dessert and cooking, also finds ready sale on all markets. Does well in the West. Ripens in July.

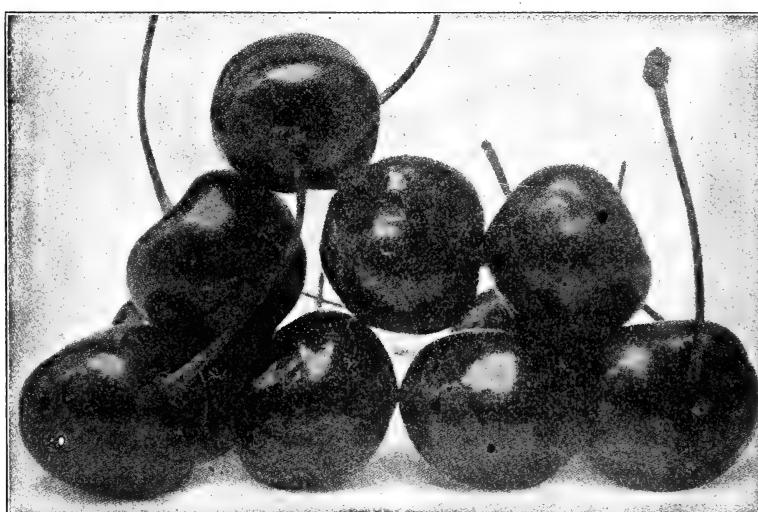
Wragg. Originated in Iowa and has become very popular in the northwest and western states. Fruit medium to large, dark red and of fine quality. Tree is very hardy, vigorous and productive. This is

one of the few cherries of good commercial quality that is perfectly hardy. Ripens in July.

HEART OR SWEET VARIETIES.

Bing. This deservedly popular cherry originated by Seth Lewelling, of Milwaukee, Oregon, is one of the grandest black cherries in existence today. Its large size, firmness and delicious flavor have caused it to be in active demand by shippers and canners alike. The tree is a remarkably thrifty upright grower and a great bearer.

Black Eagle. Fruit large, of red-black color, with rich and juicy flesh of excellent flavor. Tree is a good grower and quite productive. Very hardy. Ripens in July.



Montmorency.

CHERRIES.—Continued.**HEART OR SWEET VARIETIES.**—Continued.

Black Tartarian. Very large fruit of purplish-black color, flesh mild and sweet. Tree is a vigorous grower and immense bearer. A popular cherry. Ripens first of July.

Governor Wood. Large, yellow with red, sweet and juicy. Tree a good healthy grower and constant bearer. Probably the best and hardiest of the sweet cherries for the west. Ripens middle of June.

Lambert. This very promising cherry, of the largest size and bright rich color, is deserving of all that has been said of it by the introducer. The surface is smooth, glossy, and is covered with minute russet dots; flesh reddish with whitish veins, very firm and of unsurpassed quality. Stands well in the lead as a shipping variety. Ripens ten days later than the Royal Ann.

Napoleon Bigarreau. (Royal Ann.) A magnificent cherry of the largest size, pale yellow, becoming amber in the shade, richly dotted and spotted with deep red, and with a bright red cheek; flesh very firm, juicy and sweet; tree a rapid grower and immense bearer. The most popular all around cherry for canning, preserving and shipping. Ripens end of June.

Yellow Spanish. (Bigarreau.) Fruit very large, pale yellow with bright red cheek when exposed to the sun; flesh firm, juicy and delicious. Very popular and good market cherry. Ripens late in June.

For price on above cherries see page 16.

QUINCES.

In quinces we have a very desirable fruit. It is used a great deal for preserves and canning, especially with other fruits. A small part of quince will impart the quince flavor to three or four times as many apples. The tree is easily transplanted and does well on any good soil on which corn grows well. It is hardy as far north as Nebraska. Plant trees as close as peach or plum.

Champion. A good bearer, strong grower, large fruit, oval in shape, quality fine and a long keeper.

Meech Prolific. Very productive, vigorous grower, fruit large, yellow and of very great beauty; good cooker.

Orange. Large, bright yellow, of excellent flavor. Fruits well here. The most extensively cultivated and one of the best and finest varieties.

Prices of Quinces. All varieties.

	Per 1	Per 10	Per 100
2 to 3 feet trees.....	\$0.25	\$2.25	\$20.00
3 to 4 feet trees.....	.30	2.75	25.00
Small trees by mail, postpaid.....	.30	2.50	....

NECTARINES.

The nectarine is almost identical with the peach and most botanists consider them the same species, the principal difference between the two being in the skin, the nectarine having a smooth and the peach having a downy surface. The fruit, however, is rather smaller and scarcely so rich in flavor as the best peaches; but they have a sprightly and delicious quality, and their exquisite, wax-like appearance makes them highly popular as a dessert fruit.

New White. Large; skin greenish-white; flesh white, tender, juicy; stone small and free; one of the best varieties for drying. Ripens July and August.

Boston. Fruit large, deep yellow, with a bright blush and mottling of red; pleasant flavor; free-stone; hardy and productive. Ripens early in September.

Price of Nectarines.
3 to 5 feet 30c each, 10 for \$2.75; 100 for \$24.00.

Sullivan, Ill., April 8th, '09.

The trees etc., which I ordered of you arrived today in good condition. They were so well packed that they held moisture well. Please accept thanks for extras.

L. J. Myers, R. 5.

Le Claire, Ia.,
April 9th, 1909.
Trees arrived this A. M. and on opening them, we found a nice lot of trees and currants.

W. L. Gardner.

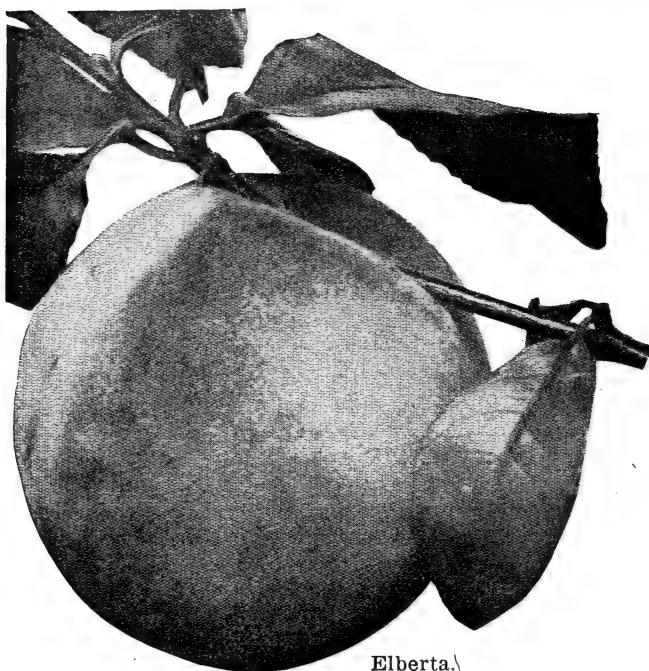


Quince.



Nectarines.

BUDDED PEACHES.



Elberta.

Prices of all varieties except Lovell, Muir and Phillips Cling.

2 to 3 feet, 1 year from bud.....	\$0.05	\$0.50	\$5.00	\$45.00
3 to 4 feet, 1 year from bud.....	.10	.90	8.00	77.00
4 to 5 feet, 1 year from bud.....	.14	1.25	11.50	110.00
5 to 7 feet, 1 year from b.d.....	.18	1.60	15.00	145.00
Small trees by mail postpaid.....	.10	.80	7.00	.....

The following varieties we can also furnish in small trees, 18 to 24 inches high. All are budded, well rooted little trees with well ripened wood, mostly June buds:

Conkling, Crawfords Early, Crawfords Late, Early Rivers, Elberta, Fitzgerald, Greensboro and Salway.

Price, 18 to 24 inches	Per 1	Per 10	Per 100	Per 1000
.....	\$0.05	\$0.45	\$4.00	\$37.50

Alexander Early. Large, well grown specimens, measuring 8 inches in circumference; handsome and regular in form, with deep maroon shade, covered with the richest tint of crimson; rich and good in quality, with a vinous flavor; adheres to the stone; should remain on the tree until fully ripe. Ripens about July 4th.

Blood Cling. A variety of the old Indian Peach. Fruit very large, form nearly round, skin dark purplish red; flesh red; juicy and good. Clingstone. September.

Bokara No. 3. Raised from seed received from Bokara, Asia. The hardiest peach known; has been in bearing for several years in central Iowa, and produced fruit after 28 degrees below zero. Fruit measures over 7 inches in circumference. Yellow with red cheek; skin tough, flesh of good quality; perfect freestone. Prof. Budd says: "They are 30 per cent harder than the old strain of peaches." September 1st to 10th.

Carman. Large, resembles Elberta in shape; color creamy white or pale yellow with deep blush; skin very tough, flesh tender, fine flavor and quite juicy. Ripens with Early Rivers; one of the hardiest in bud; in shipping qualities and freedom from rot unsurpassed. Promises to stand at the head for a general, long distance, profitable market variety, in quality ranking superior to anything ripening at the same time. August to September. Freestone.

Champion. Fruit large, beautiful in appearance; flavor delicious, sweet, rich, and juicy; skin creamy white, with red cheeks; freestone. The peculiarity of this great acquisition is its hardiness. It stood a temperature of 18 degrees below zero in the winter of 1887-8, and produced an abundant crop the following season, and again in 1890 produced a full crop when the peach crop was a universal failure. August.

Conkling. This is one of the best peach trees introduced in late years. The fruit is very large, beautiful golden yellow, marbled with crimson. Very good quality and of fine flavor. The tree is very hardy, and the fruit buds stand severe cold weather well. Ripens in September. Freestone.

Crosby. Medium size, roundish, with distinct seam on blossom end; skin light greenish yellow and very downy; flesh bright yellow and rather firm tree of rather dwarfish habit. Has won especial favor on account of great hardiness. A recent introduction that has attracted very wide attention on account of its disposition to produce good crops in "off years" when other crops usually fail. Freestone. Ripens in September.

Crawford's Early. This beautiful yellow peach is highly esteemed for market purposes. Fruit very large, oblong; skin yellow, with fine red cheek; flesh yellow, juicy, sweet and excellent, productive; freestone. August 1st.

We have a very large stock of these. Our peach trees are stocky, well branched and well rooted; free from any disease. We give below a list of the choicest and hardiest varieties, covering the season from July to the middle of October. Budded peaches always bring a good price, as they are much larger and finer in appearance and quality. They will bear just as often, just as many bushels to the tree, live just as long, and stand as much cold as seedling peaches, while the fruit is much more valuable. Do not waste your labor and land by planting seedling trees. It does not pay and you will surely be disappointed.

Plant about 16x16 or 18x18 feet, in moderately rich soil. Before planting cut all limbs back to one inch, the main leader about half. This is very essential; do not forget it. Your peach trees will start to grow quicker and surer, and will form a nice top.

Keep the ground well cultivated. Peach trees are apt to make too much of a growth and get top heavy. To avoid this prune them every year. Cut all dry wood out and shorten long leading branches.

We give the time of ripening here in Nebraska; south of here they would ripen earlier.

BUDDED PEACHES.—Continued.

Crawford's Late. Fruit of the largest size; skin yellow or greenish yellow, with dull red cheek; flesh yellow; productive; one of the best; freestone. Sept.

Early Rivers. Large, light straw color, with delicate pink cheek; flesh juicy and melting, with very rich flavor. Ripens early August.

Elberta. A leading market variety that thrives and produces well in all peach-growing sections. The fruit is large, handsome bright yellow overspread with crimson; juicy, good, and so firm as to ship well. Can be gathered while still hard and will ripen up without rotting. Tree is a uniform and regular bearer and strong grower. The great canning peach. August and September. Freestone.

Fitzgerald. An early improved Crawford, which it resembles in size, color and quality; bears young, is hardy and productive; fruit large, brilliant color, suffused with red; flesh deep yellow; fine flavor and quality. An excellent variety. Season August. Freestone.

Greensboro. Ripens with Alexander but much larger, round; flesh white, very juicy, of good quality, bright red over yellow, highly colored in the sun. Ripens in July. A promising variety. Clingstone.

Heath Cling. Large, oblong, creamy white, slightly tinged with red in the sun; very tender, juicy, melting; very rich and luscious. Valuable canning peach. September to October.

Lemon Free. Almost lemon shape, pointed at the apex, color a pale yellow when ripe; it is of large size, the finest specimens measuring over 12 inches in circumference; of excellent quality; ripens after Late Crawford. Freestone. October.

Mountain Rose. One of the very best and hardiest. White with red cheek, juicy and sweet. Freestone. August.

Old Mixoa Cling. Large, pale yellow with red cheeks; juicy, rich and highly flavored. One of the best of the clingstone peaches. September.

Salway. Fruit large, roundish, deep yellow, with deep marbled brownish red cheek; flesh yellow, firm, juicy, rich and sugary. A new English variety; a late showy market sort. Freestone. Last of September.

Triumph. Earliest yellow flesh peach, with good eating and shipping qualities. Ripens with Alexander, blooms late, sure and abundant bearer; strong, vigorous grower. Fruit good size, yellow, with red and crimson cheek. Middle of July.

Yellow St. John. Nearly as large as Crawford, fully equal in color. Fruit round, brilliant, showy; one of the earliest yellow peaches. Bears young and produces abundantly. Good market variety, and a fine dessert peach. Ripens in August. Freestone.

Wonderful. Large, almost globular, slightly pointed apex; uniform size and shape; rich golden-yellow, overspread with carmine; flesh firm, yellow, delicious and highly flavored; a good keeper; one of the best for shipping. September.

The varieties mentioned below are June buds, well rooted, smooth, and healthy trees, and the wood is well ripened. We shipped over 120,000 of such trees to California last winter, and our customers were well pleased.

Price of Lovell, Muir, and Phillip's Cling.

	Per 1	Per 10	Per 100	Per 1000
12 to 18 inch	\$0.05	\$0.45	\$4.00	\$37.50
18 to 24 inch . . . . .	.07	.60	*5.50	52.50
2 to 3 feet . . . . .	.08	.70	6.50	62.50
3 to 4 feet . . . . .	.10	.95	9.00	85.00
4 to 5 feet . . . . .	.15	1.40	13.50	125.00

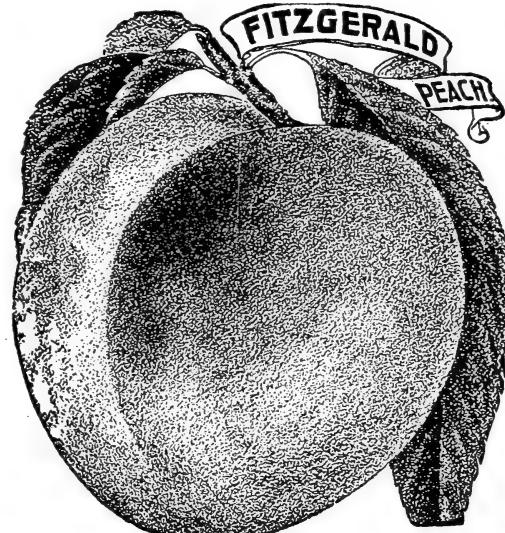
Lovell. This magnificent California peach stands in the lead over all other yellow freestones. Its only rival is the Muir, but so close is the resemblance between them that experts cannot detect the difference when dried or canned, and the Lovell is sold in the commercial world as the Muir without anyone the wiser. It dries just as heavily as its rival, and really makes a handsome dried product. It is large to very large, and usually uniform on the tree. The tree is a much more rapid grower and is fully equal to the Muir in bearing qualities. Ripens first week in August, in Pacific States.

Muir. Large to very large; perfect freestone; flesh clear yellow, very dense, rich and sweet; pit small; fruit a good shipper and canner and peculiarly adapted to drying because of its exceptional sweetness and density of flesh. Has been more extensively planted than any other variety of freestone peach, and the demand continues to be as active as ever. Ripens last of July, in Pacific States.

Phillips' Cling. Fine, large; yellow; flesh firm, clear yellow to the pit, which is very small. Preferred by canners to any other variety of cling; its firmness, fine texture of flesh and lateness, not ripening until September, when other clings are practically harvested, makes a demand for this variety far beyond the supply. Ripens early September in Pacific States.

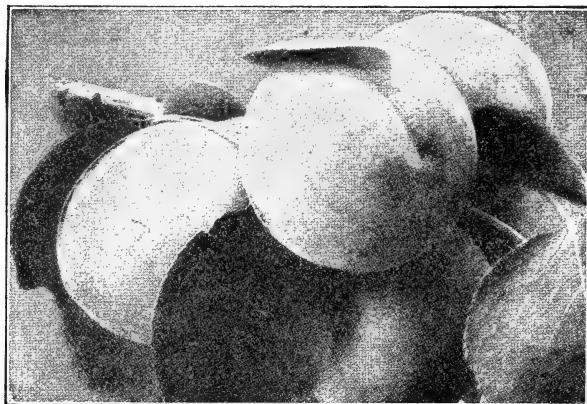
PEACH SEEDLINGS.

2 feet and over, 1 year, each 5c; 10 for 25c; 100 for \$2.00; 1000 for \$18.00.



APRICOTS.

A most delicious fruit of the plum species. Is of a distinct flavor and one of our best and most profitable market fruits. The tree bears very young and most profusely. Ripening as it does between the cherries and peaches, the apricot is a most welcome fruit. In very sunny localities it is apt to bloom too early in the spring and get caught by the frost. The tree is slender in form, has beautiful dark green foliage, pretty pink blossoms, and will give very satisfactory results as an ornamental tree in any garden or house lot. To avoid being caught by late spring frosts, spread long strawy manure about one foot thick around the tree, in the winter after the ground is frozen hard and deep. The manure will keep the frost in the ground two weeks longer in the spring, and the tree will not bloom so early. Russian varieties have stood thirty degrees below zero without injury and are therefore very desirable for the northwest.



Royal Apricot.

Alexis. Large to very large; color yellow with red cheek; flesh rich and luscious, slightly acid. Ripens July 15th.

Catherine. Fruit medium in size; color yellow; flesh mild, sub-acid, good quality. Ripens July 25th.

Globe. Medium size, yellow, sub-acid, rich, juicy. The best early sort, ripening with the strawberries. Ripens July 20th.

AMERICAN VARIETIES.

Early Golden. Fruit small, pale orange-yellow, juicy and sweet. Tree hardy and productive. Ripens about July 1st.

Royal. French origin; fruit medium, oval, slightly compressed; dull yellow, with red cheek on side exposed to the sun; flesh pale orange, with rich vinous flavor; very desirable and more extensively planted than any other variety; excellent for canning and drying; June.

Moorpark. Very large; yellowish-green, brownish-red on the sunny side, marked with numerous dark specks and dots; flesh bright orange, parts freely from the stone; which is peculiarly perforated along the back where a pin may be pushed from one end to the other. Fine for canning and drying. The most popular variety in the northern coast counties along the Pacific; late June.

Prices of all Varieties of Apricots.

	Per 1	Per 10	Per 100
2 to 3 feet.....	\$0.20	\$1.80	\$16.00
3 to 4 feet.....	.25	2.25	20.00
4 to 5 feet.....	.30	2.75	25.00
5 to 7 feet.....	.40	3.50	32.00

MESPIL OR MEDLAR.

(*Mespilus Germanica*.)

A small tree or bush, bearing large white blossoms in May, which are quite ornamental. The fruit remains hard until mellowed by frosts. It then becomes brown and soft. It is agreeable for eating from the hand and also makes good preserves.

Price, good strong plants 50c each, 10 for \$4.50.

PERSIMMON.—(*Diospyrus Virginica*.)

A native of the Southern states, but will thrive and ripen its fruit as far north as the Great Lakes. The tree reaches a height of 20 to 30 feet. The fruit is not large, $\frac{1}{2}$ to 1 inch in diameter, and must be fully ripe to become edible. A valuable ornamental tree. Will thrive on the poorest soil.

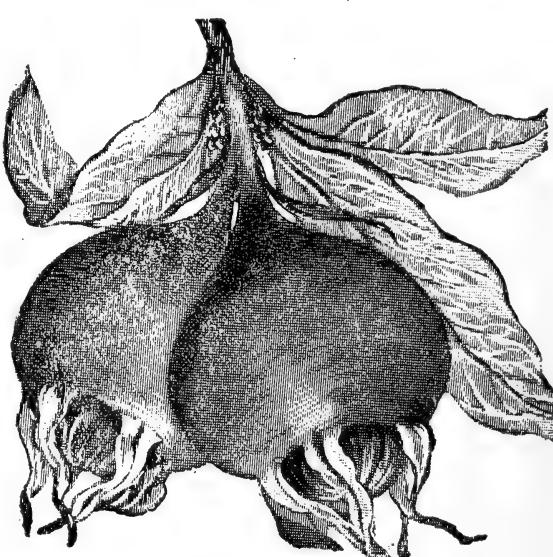
Price of Persimmons. Per 1 Per 10 Per 100

2 to 3 feet	\$0.30	\$2.75	\$...
12 to 18 inch .....	.10	.75	5.00
Small plants by mail postpaid..	.10	.80	\$...

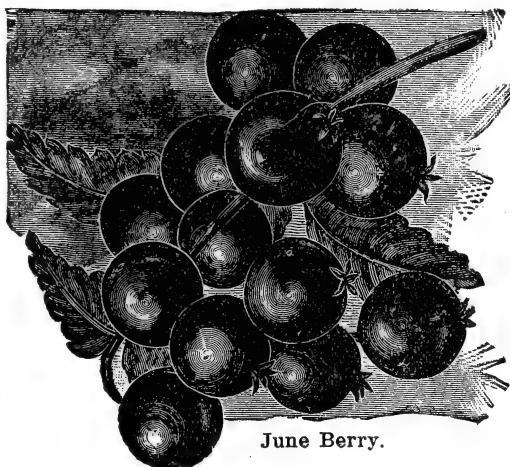
Rupert, Ida., April 9th, 1909.

A few days ago I received the Nursery stock all in good shape. Am well pleased with Cuttings and Bushes.

C. C. Bidstrup.



Mespil.



June Berry.

and tarts, and for making wine. The tree is hardy anywhere, and a constant and prolific bearer, and is well worth cultivating for ornamental purposes alone. Plant the Buffalo Berry for a winter berry, as they are a most delicious fruit from December to January.

One year old, strong plants, 25c each, 10 for \$2.00. Smaller plants, by mail postpaid, 25c each.

ELDER BERRY.

These berries are highly esteemed for cooking and in the making of cordials. In many parts of Europe they are grown for the purpose of making wine, and are said to be of great value for medicinal purposes in cases of stomach disorder. The bush is quite ornamental, and deserving of a place in every yard.

Price, 2 feet high, each 15c; 10 for \$1.50. Smaller plants, postpaid by mail, each 15c; 10 for \$1.50.

RUSSIAN MULBERRY.

Introduced here by the Russian Mennonites. Tree very hardy, stood 40 degrees below zero and bore a crop of berries the next season. They are an annual and abundant bearer. The fruit is from white to pink and some black in color, and from very sweet to quite tart in taste. Canned with goose-berries or rhubarb they make a good sauce, relished by most everybody. Chicken raisers should plant largely of this tree near the chicken house or yard, as they will soon make a nice shady place for the chickens, and the berries are much relished by the fowls and are very healthful. Try it and you will be pleased, and your chicken more so. The wood is very valuable for fence posts, lasting for 20 years in the ground. They also make a pretty hedge if planted about ten inches to one foot apart, and kept well pruned the first few years.

Price of Russian Mulberry.

	Per 1	Per 10	Per 100	Per 1000
4 to 8 inch, 1 year seedlings.....	\$	\$	\$0.20	\$1.50
8 to 12 inch, 1 year seedlings.....			.30	2.50
12 to 18 inch, 1 year seedlings.....			.40	3.50
18 to 24 inch, 1 year seedlings.....			.70	6.50
3 to 4 feet, transplanted nice trees.....	.08	.70	6.00	...
4 to 5 feet, transplanted nice trees.....	.12	1.10	10.00	...
5 to 6 feet, transplanted nice trees.....	.16	1.40	13.00	...

AMERICAN MULBERRIES.

The native varieties are not quite as hardy as the Russian kinds, but the fruit is larger, very juicy, and of better quality.

Downing's Everbearing. One of the most prolific varieties. Fruit very large, black, sweet and rich in flavor. Its long bearing season has made it a universal favorite. Ripens fruit during 6 to 8 weeks.

Hicks. Fruit very large, sweet and of good flavor. Especially well adapted for Oklahoma and Texas. It is an excellent all around variety.

New American. Tree very vigorous and productive, surpassed by none. Continues in bearing a long time. Fruit 1 1/4 inch long and nearly half an inch in diameter; color maroon or an intense blue-black at maturity; flesh juicy, rich, sugary. Ripens from the middle of June up to the middle of September.

Prices of American Mulberries.	Per 1	Per 10	Per 100
2 to 3 feet.....	\$0.20	\$1.75	\$15.00
3 to 4 feet.....	.25	2.25	20.00
4 to 5 feet.....	.30	2.75	25.00
Small plants, by mail .....	.25	2.00	...



Russian Mulberry.

NUT TREES.

The past few years have witnessed a remarkable development in the planting of nut-bearing trees. Probably no branch of tree cultivation pays larger profits or is as well assured of a profitable market. The returns from established nut-bearing orchards, as well as numerous experiments, show plainly how successful nut culture may be made in America. Most farms contain land that would pay better planted in nut-bearing trees than in anything else; the nuts, in many cases, paying better than farm crops or fruits, while the trees are growing into valuable timber.

English or Persian Walnut. A fine, lofty growing tree, with handsome, spreading head; produces large crops of thin-shelled, delicious nuts, that are always in demand at good prices. The large orchards of California and the South are yielding handsome profits, and still the nuts are imported in great quantities. Not hardy enough for general culture north. 2 year old seedlings, each 10c; 10 for \$1.00; 100 for \$9.00. By mail postpaid 10c each.

Franquette or Paris Walnut. Largely planted in California and Washington. It is quite large, of an elongated oval, and very attractive, kernel full-fleshed and sweet. It buds out late in the spring. Best thin-shelled nut, raised from seed. Hardier than the English Walnut, with-standing the cold winters of Eastern France, where it originated.

Price, 1 year old seedlings, about 12 inches high, 20c each; 10 for \$1.75; 100 for \$15.00; \$140.00 per 1000. By mail postpaid 20c each.

Japan Walnut. (Sieboldi.) If it produced no nuts would be well worth cultivating for an ornamental tree. Grows with great vigor, surpassing all other nut trees assuming a handsome form, needs no pruning; leaves large size, charming shade of green. Nuts are borne in clusters of 12 or 15 each at tips of previous season's branches. Have a smooth shell; thicker than the English, but not so thick as the Black Walnuts. Meat is sweet, of good quality, flavor like butternut, but less oily; commences bearing young; trees 3 to 4 years from nut in nursery rows, frequently producing nuts. Perfectly hardy. Price, 2 to 3 feet 20c each; 10 for \$1.65; 100 for \$14.00. By mail postpaid 25c each.

Butternut or White Walnut. The nuts are large, long, oily and nutritious. The lofty spreading tree is one of our finest natives, valued for its tropical appearance and beautiful wood, as well as for its nuts. Does well in Nebraska and as far north as Dakota.

8 to 12 in. 1 yr. old seedlings, each 5c; 10 for 40c; 100 for \$3. 12 to 18 in., each 7c; 10 for 50c; 100 for \$4.00.

By mail postpaid 8c each.

Black Walnut. A native tree of Nebraska, of large size and majestic form, with beautiful foliage. Grows best on low ground, bears nuts freely, and the timber is very valuable. The large, oily nuts are of fine flavor and always marketable.

Per 10 Per 100 Per 1000

12 to 18 inch, 1 year seedlings	.....	\$0.15	\$1.20	\$10.00
18 to 24 inch, 1 year seedlings	.....	.20	1.80	15.00
Small seedlings by mail postpaid	.....	.15	1.20	....

American Sweet Chestnut. The nuts of this tree form quite an item in our commerce. They are sweet and delicately flavored. This chestnut is also a grand timber and ornamental shade tree, spreading, in midsummer, billowy masses of creamy, fragrant catkins above its large deep green leaves, making a most beautiful specimen on the lawn. Does well in Nebraska.

12 to 18 inch, 1 year seedlings, 10 for 60c; 100 for \$5.00.

2 to 3 feet, 2 year seedlings, each 25c; 10 for \$2.00.

5 to 6 feet, strong transplanted trees, each 40c; 10 for \$3.50.

6 to 8 feet, strong transplanted trees, each 60c; 10 for \$5.00.

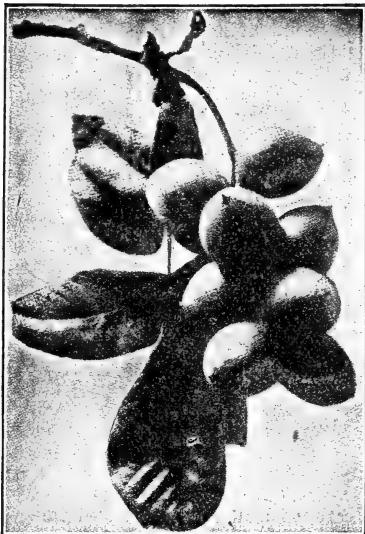
8 to 10 feet, strong transplanted trees, each 80c; 10 for \$7.00.

Small plants, by mail postpaid 7c each.

Pecan. The tree grows fast and bears well, producing large crops of thin-shelled nuts that are full-kerneled and delicately flavored. In the southern states pecans yield handsome profits. Not hardy here. Price, 18 to 24 inch seedlings, each 25c; 10 for \$2.00. By mail postpaid 30c each.

Filbert or Hazelnut. (Early Frauendorf.) One of the best german varieties. Nuts are large, sweet and of best quality. Bears when very young. A much better variety than the common American Hazelnut and fully as hardy.

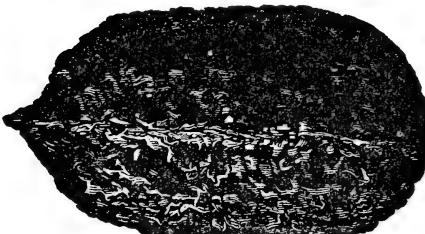
Price, 18 to 24 inch trees 25c each, 10 for \$2.30; 100 for \$20. By mail postpaid 25c each.



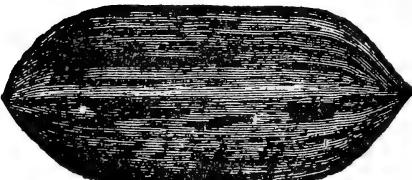
Japanese Walnut.



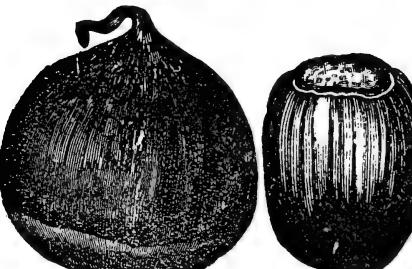
English Walnut.



Butternut.



Pecan Nut.



Am. Chestnut.

Hazel Nut.

GRAPE VINES.

One of the best and healthiest fruits we have. Grows in most any kind of soil that is not wet, any side hill will do for a vineyard. Those who have only a lot or two or a small garden, can plant them alongside a building or a fence. They will take up very little room, and if properly taken care of will bear an abundance of fruit almost every year. If vines are put down on the ground in the fall and covered with a few shovelfuls of earth they will stand a very severe climate, and some varieties can be successfully raised as far north as South Dakota. In the open ground plant in rows 8 feet apart and 6 feet in the rows. We give below the best and hardiest varieties for the West. Except where otherwise noted, all grape vines are 2-year-old, No. 1, extra heavy, well-rooted plants.

At prices quoted per 1 we will send by mail postpaid.

Concord. The well known fine old market leader, with large, handsome clusters of large, luscious grapes. Entirely hardy, productive and reliable; succeeds well over a great extent of country. One of the best known grapes grown.

Two Year Old No. 1 Plants. Extra nice, very large and well rooted. As fine plants as are grown anywhere. Each 8c; 10 for 65c; 100 for \$5.00; 1000 for \$40.00.

One Year Old No. 1 Plants. Strong and well rooted. Each 6c; 10 for 50c; 100 for \$3.50; 1000 for \$30.00.

One Year Old No. 2 Plants. Good plants with plenty of roots. Each 5c; 10 for 40c; 100 for \$2.50; 1000 for \$20.00.

Agawam. Red, large, round, early, and of great vigor of growth. Rich, fine, peculiar aromatic flavor. Considered as the best of the strictly red hybrids.

Two Year Old No. 1 Plants, each 10c; 10 for 80c; 100 for \$7.00.

One Year Old No. 1 Plants each 8c; 10 for 65c; 100 for \$5.50.

Brighton. Dark red color. Bunches and berries large, fine rich flavor, juicy and sugary. Almost seedless pulp. Extremely hardy, bears abundantly and stands the heat of summer well. Ripens extra early.

Two Year Old No. 1 Plants, each 10c; 10 for 90c; 100 for \$7.50.

Campbell's Early. A new variety that cannot be too highly recommended. Of strong, vigorous growth, very hardy, foliage perfectly healthy, very early and abundant bearer. The berries are very large, dark blue. The bunches are always large and beautiful. Will keep on or off the vine several weeks, after fully ripened. An excellent dessert grape and one of the best early market varieties.

2 Year Old No. 1 Plants, each 25c; 10 for \$1.75; 100 for \$15.00.

1 Year Old No. 1 Plants, each 20c; 10 for \$1.50; 100 for \$12.00.

Catawba. Well known as the great wine grape of Ohio and Kentucky. Bunches large and loose, berries large, of a coppery red color, becoming purplish when well ripened. Ripens late.

2 Year Old No. 1 Plants, each 10c; 10 for 80c; 100 for \$7.00; 1000 for \$55.00.

One year No.1 Plants, each 8c; 10 for 65c; 100 for \$5.

Champion or Talman. Black, bunches and berries of medium size. Sweet and of good quality. Hardy and productive. Ripens before Concord.

2 Year Old No. 1 Plants, each 10c; 10 for 90c; 100 for \$8.50.

Clinton. Black, bunch and berries small, close together, of good quality. A first-class wine grape. Is very hardy and will thrive and bear well in South Dak.

2 Year Old No. 1 Plants, ea. 10c; 10 for 85c; 100 for \$7.

Delaware. Holds its own as one of the finest grapes. Bunches small, compact, shouldered. Berries rather small, round. Skin thin, light red. Flesh very juicy, without any hard pulp, with an exceedingly sweet, spicy flavor. Vines moderately vigorous, very hardy and productive. Ripens early and is a good keeper.

2 Year Old No. 1 Plants, ea 15c; 10 for \$1.10; 100 for \$9.

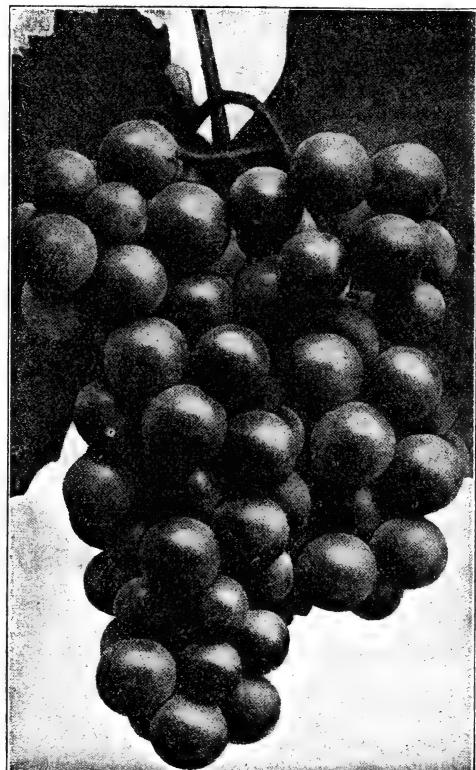
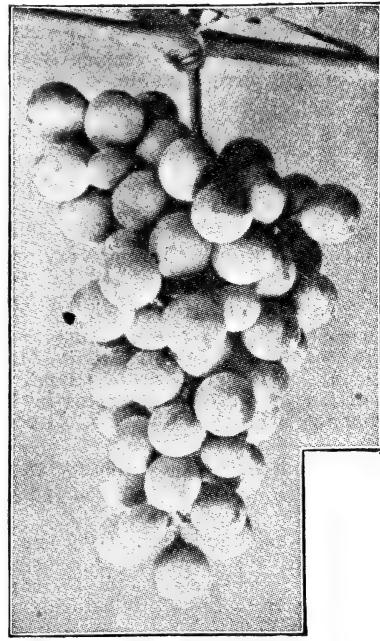
Diana. Red, medium large, of good flavor. Ripens a little after Concord.

2 Year Old No. 1 Plants, ea 10c; 10 for 90c; 100 for \$8.

Elvira. White, good wine grape, bunches small; sweet when fully ripe. One of the hardiest grapes, very productive. Ripens after Concord.

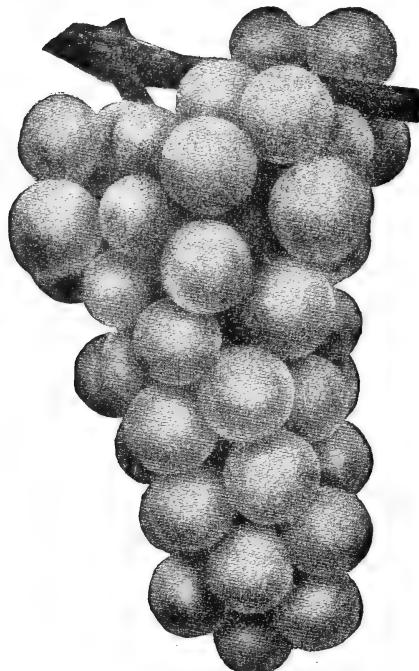
2 Year Old No. 1 Plants, each 10c; 10 for 65c; 100 for \$5.00; 1000 for \$45.00.

1 Year Old No.1 Plants. ea 8c; 10 for 55c; 100 for \$4.50



Campbell's Early.

GRAPEs.—Continued.



Green Mountain.

Moore's Diamond. White. A seedling of the Concord, partaking of all its good qualities. Of a beautiful greenish-white color, without any of the yellow spots so common with white grapes. Berries are large, sweet, and of as good quality as some of the more delicate varieties. Is as hardy as the Concord. a profuse bearer, and in all one of the best of the newer sorts. Ripens early, a few days before Concord. Very hardy. 2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$7.00.

Niagara. Home and market growers seem to agree that this is the most valuable of all the white grapes. Its clusters are large and handsome, compactly filled with large berries having thin but tough skin. When fully ripe they are a fine pale yellow, with a thin white bloom. The flesh is slightly pulpy, tender, sweet and delightful. Vine is remarkably vigorous and productive. Ripens with Concord.

Price of Niagara Grapes: 2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$7.00.

1 Year Old No. 1 Plants, each 8c; 10 for 65c; 100 for \$5.50.

Pocklington. Clusters and berries large, light golden yellow when fully ripe, sweet and tender, with little pulp. Thoroughly hardy and healthy; bears well in favorable seasons and localities. Ripens after Concord.

2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$7.00.

Salem. Bunches and berries large, coppery red; flesh tender, juicy, with slight pulp, of the very best quality. Vine vigorous and fruitful. Will stand shipping well. Ripens with Concord.

2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$8.00.

Worden. Black. A seedling of Concord but earlier, large in bunch and berry, much better quality and hardier, will stand more cold weather than the Concord. A splendid market variety.

2 Year Old No. 1 Plants, each 15c; 10 for \$1.00; 100 for \$8.00.

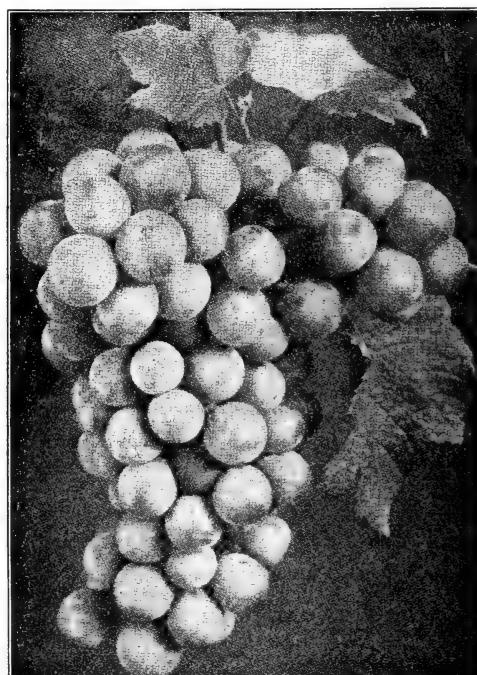
1 Year Old No. 1 Plants, each 10c; 10 for 80c; 100 for \$7.00.

1 Year Old No. 2 Plants, each 8c; 10 for 55c; 100 for \$5.00.

Wyoming. Red. A very early medium sized variety. Bunch small but compact, skin bright red, sweet, very agreeable, but with slight foxy odor. Best early red grape.

2 Year Old No. 1 Plants, each 10c; 10 for 85c; 100 for \$8.00.

We pay freight charges on all orders for trees and plants (not seeds) amounting to \$10.00 or over.



Niagara.

GOOSEBERRIES.

Should be planted in good, rich soil and well manured once a year. They will do well on any variety of soil if well drained and fertile. Prune regularly and thoroughly, cutting out all dead wood and all surplus branches. Do not let the bushes grow too thick; the fruit will be larger and more plentiful.

Carman. Notice was first called to this variety by E. S. Carman, Editor of the *Rural New-Yorker*, who regarded it as the best of all. It is a good grower, making fine large plants, and producing in profusion extra large berries of the finest quality which are of a golden yellow when fully ripe. The berries are oval in shape. The following is taken from Mr. Carman's notices of the berry, published at different times, in the *Rural New-Yorker*: "Likely to revolutionize the gooseberry culture in this country; absolutely mildew proof, of great size and excellent quality. Sets the fruit so closely that two-thirds had to be removed and then every branch propped up. Will supply the long felt demand for a large berry, free of rot and mildew." July 6: "Berries fully ripe, free from rot, scald and mildew."



Carman.

Price, strong 2 year No. 1 plants, 30c each; 10 for \$2.50. Postpaid 35c each.

Chautauqua. Combines size, beauty and quality with vigorous growth and productiveness, while the plant is hardy everywhere. It grows very erect. The foliage is large, glossy dark green and not subject to mildew. Fruit large, light yellow, free from spines and hairs; averaging 1 in. to 1½ in. in diameter. Thick skinned, sweet and of excellent flavor. Just the berry for the west.

Price, 2 Year Old No. 1 Plants 35c each; 10 for \$3.00; 100 for \$25.00. Postpaid 40c each.

Downing. A well known American sort which has given the best of results everywhere. Large and handsome, pale green berry; of splendid quality for dessert or cooking. Bush vigorous and exceedingly productive. An excellent sort for family use and profitable for market. This variety is seldom affected by mildew.

Price, 2 Year Old Plants 15c each; 10 for \$1.25; 100 for \$11.00. Postpaid 20c each.

Houghton. An enormously productive and always reliable, old variety. Of vigorous growth, slender and spreading, not subject to mildew. Fruit of medium size, smooth, pale red, tender and of good quality. About equal in hardness to American varieties.

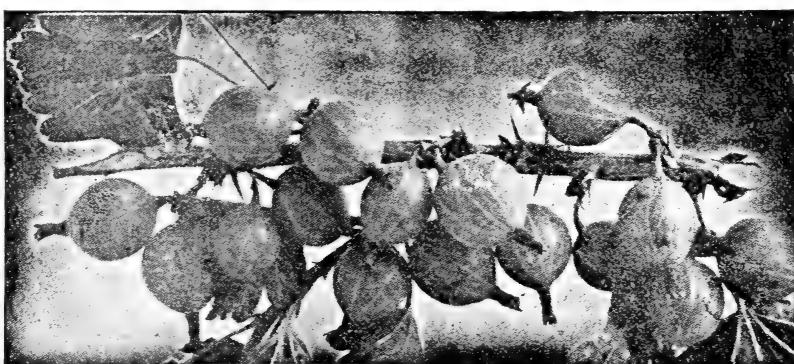
Price, 2 Year Old Plants 12c each; 10 for \$1.00; 100 for \$9.50. Postpaid 15c each.

Industry. The most planted in this country of any English sort, and is less subject to mildew. The bush is strong, upright, and immensely productive. Berries are of the largest size, dark red, and of excellent quality, rich and agreeable. When properly grown it produces large crops annually.

Price, 2 Year Old Plants 25c each; 10 for \$2.00; 100 for \$17.00. Postpaid 30c each.

Pearl. A very desirable American variety. Very hardy, entirely free from mildew, superior in size and quality, more productive than Downing. We take pleasure in recommending it for small or extensive planting as one of the best berries of recent introduction. The large berries are pale green and of the finest quality, and valuable either for home use or market.

Price, 2 Year Old Plants 20c each; 10 for \$1.75; 100 for \$15.00. Postpaid 25c each.

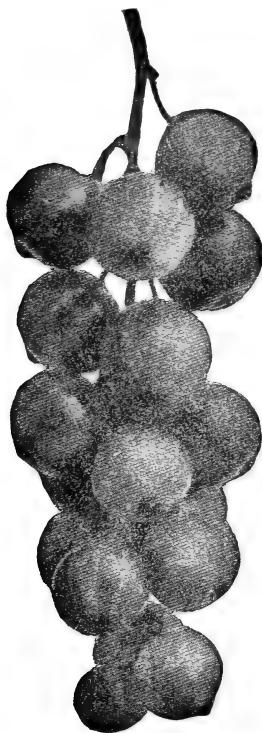


Downing.

Red Jacket. (Josselyn.) This American seedling has been widely planted in recent years, and is highly recommended by all growers. Bush is very hardy; clean, healthy foliage; vigorous and entirely free from mildew. Fruit large, smooth, red, and of first class flavor and quality; It is one of the finest gooseberries in cultivation.

Price, 2 Year Old Plants each 20c; 10 for \$1.75; 100 for \$15.00. Postpaid, each 25c.

We pay freight on \$10.00 orders for trees and plants.



Perfection.

Wilder. One of the strongest growers and exceedingly productive. Clusters and berries very large; of attractive, bright red color, even when dead ripe. Quality excellent, with mild sub-acid flavor. Ripens early and remains bright and firm until quite late. Very profitable market sort. Bush grows upright and vigorous. Few varieties equal the Wilder in productiveness and long keeping.

Price, 2 year old plants, each 10c; 10 for 90c; 100 for \$8.00.

Price of the following varieties: 10c each; 10 for 75c; 100 for \$6.00.

Black Champion. Very productive; large bunch and berry, excellent quality; strong grower. The leading well tested black currant.

Cherry. Red; berries very large; must have good cultivation to do well.

North Star. Red, hardy, vigorous; extra quality; great producer; bunches average 4 inches in length.

Red Dutch. An old, well known variety. Berries deep red, rich, acid flavor, excellent quality. Of vigorous, upright growth and very productive. A fine market sort.

Versailles. Red; berries very large; and of good quality; good bearer; best for market.

Victoria. Red; long bunches; very productive.

White Dutch. Well known old variety of excellent quality.

White Grape. Bush grows quite vigorous, somewhat spreading; is very productive. Berries very large, of attractive yellowish-white color, sweet and mild, excellent quality and fine for table. Clusters long and full.

Prices of Currants postpaid by mail: Perfection, 30c; all other varieties, 15c each.

CURRANTS.

Hardy, easily cultivated, standing neglect well, and literally responding to cultivation and generous treatment; indispensable for table use, jellies, etc.; no garden is complete without them, and large quantities are required for market. Set four feet apart in rich ground; cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room to grow. If the currant worm appears dust with hellebore. All 2-year plants, well rooted and strong.

Fay's Prolific. Has fully sustained all the claims that were made for it by the originator when first introduced, and is the best red currant known. It has been widely planted, and has given general satisfaction; fruit very large, bright red, and of excellent flavor, less acid than Cherry. It has a long stem, which admits rapid picking, and is enormously productive. One of the most valuable fruits of recent introduction. Comes into bearing early. One of the best market sorts, and equally valuable for home use.

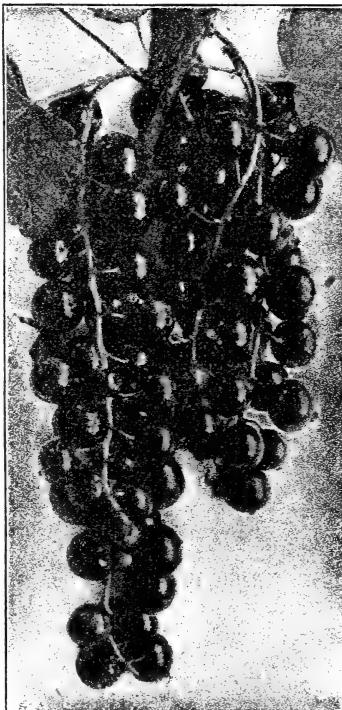
Price, 2 Year Old No. 1 Plants, each 10c; 10 for 75c; 100 for \$6.00.

Perfection. This grand new fruit was originated by Chas. G. Hooker, of Rochester, by crossing the Fay's Prolific with the White Grape currant, with the view of combining the large size and color of the Fay with the good quality and productiveness of the White Grape. The color is a bright red; size as large or larger than Fay, the clusters averaging longer. The Perfection has a long stem, making it easy to pick without crushing any of the berries. It is a great bearer. The berries are of rich, mild flavor, sub-acid, plenty of pulp with few seeds. Less acid and of better quality than any other large currant in cultivation.

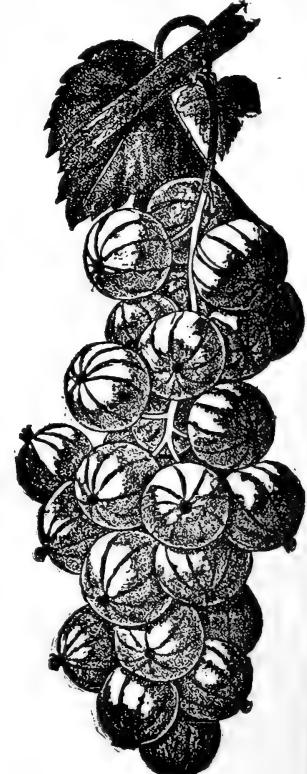
Price, 2-yr. old No. 1 plants, each 25c; 10 for \$2.25; 100 for \$20.00.

Pomona. (Knight's Improved.) Deserves prominence for its splendid market qualities. The fruit is of good size and flavor, bright red in color. Has long stems and hangs in fine condition long after ripening. Ships and markets well. The bushes bear early. This variety first attracted notice for its enormous productiveness and quality. Has greatest acreage yield on record. In one year fruit from 6½ acres was sold for over \$3,400 per acre.

Price, 2 year old plants, each 15c; 10 for \$1.00; 100 for \$8.00.



Pomona.



White Grape.

BLACKBERRIES.

Should be planted in rows six feet apart and three feet in the row. Pinch the canes back when they have reached about four feet in height; and cut out all the dead wood every year. Cultivate well and deep, or mulch heavily with straw.

Early Harvest. A very early variety, of dwarf habit. Very productive, bearing sweet, medium sized berries. Not very well adapted to the northern states, but one of the best sorts for Oklahoma and Texas. **Price**, strong plants, each 5c; 10 for 30c; 100 for \$2.50; 1000 for \$17.00. By mail postpaid, each 10c; 10 for 75c.

Mersereau. This early, mammoth ironclad blackberry originated in Northwestern New York, where the mercury falls from fifteen to twenty-five degrees below zero, and where it has stood in open field culture for many years without the slightest protection, and has never been injured. The berries are sparkling black throughout and remain black under all conditions and circumstances. In quality it is exceptionally sweet, rich, melting and luscious, being without core. As a shipper and keeper it is unsurpassed. The canes are of exceedingly strong, upright habit. Foliage large, abundant, and entirely free from rust or blight. Its yield is simply enormous. **Price**, strong plants, each 10c; 10 for 65c; 100 for \$4.00; 1000 for \$35.00. By mail, each 15c; 10 for \$1.00.

Rathbun. Vigorous, branching, making plenty of fruit wood. Has stood safely 20 degrees below zero and bore a full crop the next summer. Roots sucker very little and must be propagated by layering the tips of the shoots. Berries are very large, intensely black with a high polish. Are very firm, so they carry well to market and retain their form and handsome appearance. **Price**, strong plants, each 10c; 10 for 65c; 100 for \$4.00; 1000 for \$35.00. By mail, each 12c; 10 for 80c.

Snyder. This is one of the best blackberries for market in the north, and very hardy. The canes are vigorous and annually productive. The berries are medium in size, very sweet, juicy and of fine flavor. It also lacks the hard core found in many other varieties. **Price**, strong plants, each 5c; 10 for 30c; 100 for \$2.50; 1000 for \$16.00. By mail, each 8c; 10 for 50c.

Stone's Hardy. For the northern sections of Minnesota and similar latitudes this variety is particularly adapted. The canes are upright, very vigorous and exceptionally hardy. The berries are of medium size, juicy, sweet and of fine flavor and good quality. **Price**, strong plants, each 5c; 10 for 30c; 100 for \$2.50; 1000 for \$15.00. By mail, each 8c; 10 for 50c.

DEWBERRIES.

A variety of blackberry that trails on the ground. In size and quality the fruit excels the blackberry; good profuse bearer and reasonably hardy. Vines should be covered with straw or earth over winter in cold climates. The fruit of the dewberry is highly prized as a market fruit, owing to its large size and fine quality.

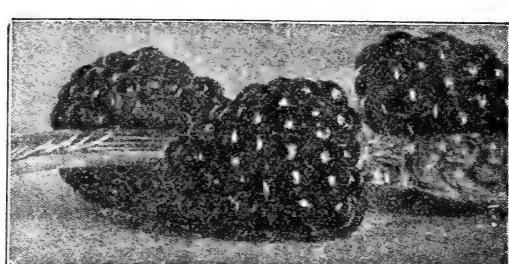
Lucretia. One of the most widely planted of the dewberries. It is a strong grower and exceedingly productive. The fruit is large, luscious and handsome. Glossy, shining black, and ripens from the first to the middle of July, according to locality. **Price**, strong plants, each 5c; 10 for 30c; 100 for \$2.00; 1000 for \$18.00. By mail, each 8c; 10 for 50c.

Premo. A new extra-early Dewberry; very large, jet-black, firm and good; ripens its crop very fast. The special points in this Dewberry are: Ripens 7 to 10 days earlier than Lucretia, ripening the crop so fast that it is nearly all gone at second picking of the Lucretia; foliage darker green and healthy, not inclined to burn when hot sun comes. **Price**, strong plants, each 6c; 10 for 50c; 100 for \$3.50; 1000 for \$30.00. By mail, each 10c; 10 for 75c.

RASPBERRIES.

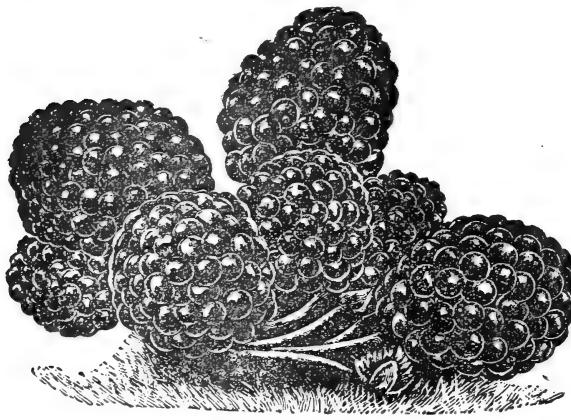
Plant in rows 5 feet apart and 3 feet in the row. Will do well in any good soil. Cultivate thoroughly and keep free from weeds. Destroy all suckers, cut out all old wood. Our plants are strong and well rooted. There is big money in growing a good red variety for most any market. They have many advantages over the blackcap, as they can stand both cold and hot weather much better. They are easier cared for, selling for more money, and will produce as much fruit as the blacks. They become more popular each season for canning and jams, retaining their flavor for years after preserving.

Columbian. This is one of the best red varieties. Berries of good size and flesh very firm. Adhere to the bush a long time. Excellent for market and canning purposes. Bush a strong grower, attains a very large size. One of the hardest and most prolific. Unexcelled for productiveness. At Green's Fruit Farm nine rows, 150 feet long, yielded 66 bushels. **Price**, 10c each; 10 for 50c; 100 for \$4.00; 1000 for \$30.00. By mail, 10c each.



Premo Dewberry.

Raspberries continued on next page.



Cumberland.

ful rich dark crimson color, of fine flavor and excellent quality. As berries are very firm they will stand shipping long distances. The berries ripen with Cuthbert. One of the heaviest yielders. **Price**, 5c each; 10 for 35c; 100 for \$2.50; 1000 for \$20.00. By mail, 8c each.

Marlboro. Light crimson, very good quality; one of the best for the North. **Price**, 5c each; 10 for 30c; 100 for \$1.75; 1000 for \$16.00. By mail, 8c each.

Turner. This old variety is still a favorite everywhere and has an established reputation as a profitable market sort. Berries bright red, medium size, juicy and sweet. A healthy grower and great producer. Ripens early. **Price**, 5c each; 10 for 30c; 100 for \$1.75; 1000 for \$15.00. By mail, 8c each.

BLACK VARIETIES.

Cumberland. In hardiness and productiveness it is unexcelled by any other variety. The berries run seven-eights and fifteen-sixteenths of an inch in diameter, and are of such handsome appearance that their fruit sold for 10c per quart, when other varieties were selling for 5c to 7c per quart. In spite of its unusual size, the fruit is possessed of its great firmness and is thus well adapted for standing long shipments. The bush is exceedingly healthy and vigorous, throwing up stout stock canes. It has also shown itself remarkably free from Anthracnose. **Price**, 5c each; 10 for 35c; 100 for \$2.25; 1000 for \$18.00. By mail, 8c each.

Gregg. Old reliable market variety. The fruit averages large, and regular crops are to be depended upon. It is an excellent shipper. Hardy. **Price**, 5c each; 10 for 30c; 100 for \$1.75; 1000 for \$16.00. By mail, 8c each.

Hoosier. The Dollar a Gallon Berry. This raspberry originated in Indiana years ago and has proven a wonder, surpassing all others in every point of excellence. Perfectly hardy and fully tested in every state in the Union and throughout Canada; does not winter-kill, and will mature a full crop even to the tip of the canes. This berry begins to ripen a full week ahead of the Cumberland and continues a week longer, is firmer and better flavored, jet black and glossy, very productive, averages 1,200 gals. per acre and is a drought resister, and is absolutely proof against Anthracnose and other raspberry pests. The fruit sells for double the price of any other variety. **Price**, 10c each; 10 for 85c; 100 for \$7.00. By mail, 15c each.

Kansas Black. A valuable early blackcap, so strong and hardy as to endure extremes of cold and drought and yet bear heavy crops. The berries are large, showy, firm, of best quality, selling for the best prices. One of the best for market, and a good shipper. Vigorous in growth and not subject to leaf-blight.

Price, 5c each; 10 for 30c; 100 for \$2.00; 1000 for \$16.00. By mail, 8c each.

Golden Queen. The fruit is large and of excellent quality; color pure golden yellow. Ripens with Cuthbert; is firm and a good market variety. **Price**, 6c each; 10 for 50c; 100 for \$4.00; 1000 for \$30. By mail, 10c each.

Red Merveille and White Merveille. Novelties, see description and price, page 4. Colored plate on front cover.

So. Omaha, Nebr. April 9th, 1909.

I must let you know that we received our trees and grapes in good condition. We owe our services to you for shipping it in such good condition and in time and we thank you very much.

John E. Lacina.

St. Charles, Ill. April 13th, 1909.

The trees I ordered from you came yesterday in good condition. All eight parties were more than satisfied. Thos. J. Jordan.

RASPBERRIES.—Continued.

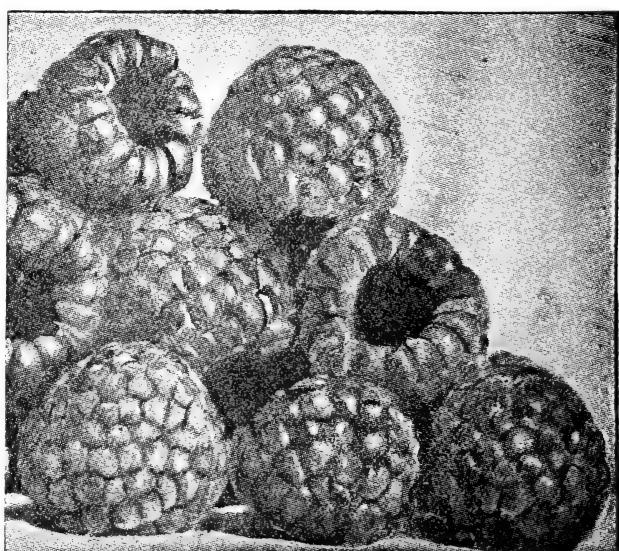
RED VARIETIES.

Cardinal. This is the most promising of all red raspberries. Its growth is the strongest, canes often growing 10 feet or more, and making from 10 to 15 canes from one hill. They are very hard wood, with red bark; almost thornless. It stood 30 degrees below zero without the least injury. Its productiveness is a marvel to fruit growers. The berries are large, dark red, firm to texture, with an agreeable pure, rich flavor. Their season is rather late and they hold on well. **Price**, 10c each; 10 for 50c; 100 for \$4.00; 1000 for \$35.00. By mail, 15c each.

Cuthbert. A strong growing, hardy variety, stands northern winters well; berries very large, firm, can be shipped long distances to market. **Price**, 5c each; 10 for 30c; 100 for \$1.75; 1000 for \$14.00. By mail, 10c each.

Loudon. The large berries are of a beautiful rich dark crimson color, of fine flavor and excellent quality. As berries are very firm they will stand shipping long distances.

The berries ripen with Cuthbert. One of the heaviest yielders. **Price**, 5c each; 10 for 35c; 100 for \$2.50; 1000 for \$20.00. By mail, 8c each.



Cardinal.

STRAWBERRIES.

These will do well in any ordinary farm or garden soil. Ground should be well prepared. For field culture set in rows 3 feet apart and from 12 to 15 inches in the row; for garden 15 inches apart each way. Cultivate well and keep clear from weeds. Cut off all runners as soon as they appear, as fruit will be much larger. In winter a covering of straw, leaves or old hay will protect the plants, do not cover till ground is frozen.

The blossoms of those varieties marked "imperfect" are destitute of stamens, and unless a row of some perfect flowering variety is planted at intervals of not exceeding 15 feet, they will not produce perfect fruit.

Strawberry plants cannot be shipped by freight to distant points, but should go by express to insure safe arrival. At prices quoted below we will prepay express charges on shipment, provided that your entire order amounts to \$10.00 or over.

Prices of Strawberries.

	Per 25	Per 100	Per 1000
Senator Dunlap, Clyde, Bederwood, Gandy, Splendid, Rough Rider and Warfield	\$0.25	\$0.75	\$5.00
By mail or express, prepaid.....	.40	1.00	6.00
Climax, Dornan and Aroma.....	.30	.85	6.50
By mail or express, prepaid.....	.45	1.20	8.00

Aroma. Late. The berries of this variety are very large and bright-red to the center. The flavor of the fruit is rich and deliciously aromatic; the flesh is solid and smooth. A very firm berry, which makes an ideal shipper. Its great productiveness, firm texture and fine flavor have combined

to make it one of the most popular berries with the commercial grower. As a pollenizer for late pistillates it is unexcelled. **PERFECT.**

Bederwood. Early. We have fruited it for many years and found it to be a very heavy bearer, of good sized roundish fruit, season early, a good staminate to fertilize early varieties. This berry, all things considered, is one of the best for general use. **PERFECT.**

Climax. Extra Early. Berries are big and dark red, with glossy surface, conical in shape, and they are produced in great quantities. Flesh is firm, rich and juicy. It is an ideal berry for all purposes and is especially attractive on the table. Splendid market sort. **PERFECT.**

Clyde. Medium Early. Seems to do equally well in all parts of the country and on all soils. The first berries ripe are of immense size, but later pickings are somewhat smaller. The berry is of splendid quality and one of the best for home use and will yield immense crops on rich soil. **PERFECT.**

Dornan. Late. This variety grows an extra large berry. It is dark-red on the upper side, shading to a bright-red on the other. The meat is smooth as velvet and absolutely free from any gritty substance. Dornan is famous for its delicate rich sub-acid flavor, which makes it possible to smother it in cream without affecting the digestion. **PERFECT.**

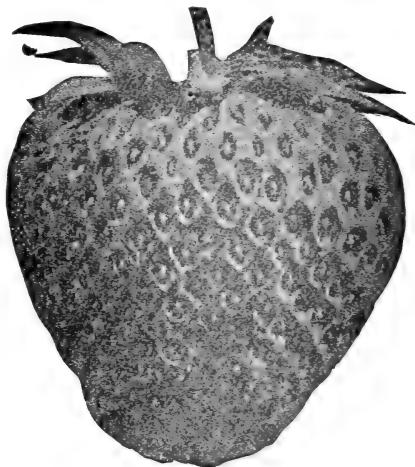
Gandy. Late. Considered the best long keeping and one of the best shipping strawberries on the list. Fruit is large, handsome and uniform and makes an excellent showing on the market. On heavy, rich soil the plant is a marvel of vigor and productiveness. **PERFECT.**

Rough Rider. Late. The plant is a good runner and enormously productive. Berries very large, color dark red like Gandy. What makes it especially valuable is its extreme firmness which enables the grower to ship to very distant markets. One of the most valuable imperfect varieties grown. **IMPERFECT.**

Senator Dunlap. Medium Early. One of the best all-round berries now on the market. The plant is perfect, not large, but tough, a rampant runner and ready to grow under any circumstances. It is wonderfully productive and every berry is generally brought to perfection. The fruit is beautiful, bright red and glossy, as regular as if cast in a mould, and of delicious quality. Large, but not the largest; firm, a good shipper and splendid keeper and when canned one of the richest varieties we ever saw. **PERFECT.**

Splendid. Medium Early. Tremendously productive; medium large, smooth, round, bright scarlet berries that are firm and good. One of the best and most reliable berries for rough and ready culture, and suited for about every variety of soil. Ripens throughout the season. **PERFECT.**

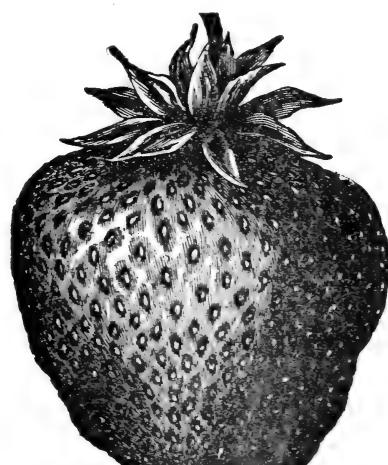
Warfield. Early. This is one of the best known market berries, of medium size and excellent quality and a good shipper. It is one of the best early sorts and maintains its size well throughout the season. **IMPERFECT.**



Aroma.

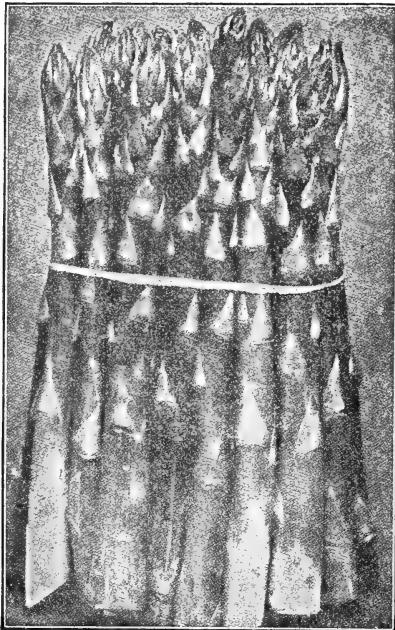


Dornan.



Senator Dunlap.

ASPARAGUS.



Asparagus.

This earliest and finest of spring vegetables is among the earliest cultivated and most profitable. A bed once planted suffers no deterioration for many years if it is properly attended to and well manured. See that the ground is well drained; work it up fine and deep, and make it very rich with well-rooted barnyard manure. Place the plants 8 inches apart in rows 3 feet apart. Spread out the roots in a trench made deep enough to permit their crowns to be covered with 3 or 4 inches of mellow earth. Give the bed liberal dressings of manure at intervals.

Conover's Colossal. Produces large, tender shoots. Well known and largely planted.

Columbian Mammoth. A distinct variety of mammoth size.

Price, both varieties, **3 year old strong plants**, 5c each; 10 for 15c; 100 for 90c; 1000 for \$6.50. By mail, 5c each; 10 for 35c; 100 for \$2.00.

2 year old plants, 10 for 10c; 100 for 70c; \$5.50 per 1000. By mail, postpaid, 10 for 25c; 100 for \$1.25.

1 year old plants, 10 for 7c; 100 for 45c; \$4.00 per 1000. By mail, 10 for 15c; 100 for \$1.00.

HORSE RADISH.

This popular condiment is very easily produced in the home garden and any one who has compared the freshly dug article with that sold over counters, can appreciate the value of good, home grown horse radish. A half dozen will provide the ordinary family and as it spreads quite rapidly, the source of supply is easily maintained.

We furnish large, strong roots, not small lengths. 10 for 15c; 100 for \$1.25; 1000 for \$10.00. Postpaid, 10 for 25c; 100 for \$1.75.

RHUBARB OR PIE PLANT.

This plant affords the earliest material in Spring for pies and tarts. Invaluable for canning and wine. Can be set out either in spring or fall. Will grow in any good garden soil.

Linnaeus. Medium size, early and tender.

Giant. Very early, vigorous grower, and of fine quality. Best for canning.

Price, both varieties, nice strong roots, each 10; 10 for 70c; \$5.00 per 100. By mail, 15c each.

ORNAMENTAL AND SHADE TREES.

Below we give a list of trees that are hardy and can stand the dry weather of the west. All these trees have been raised in the nursery, are well pruned and have good bodies and tops. All have been transplanted once and have therefore good roots. Our prices are so low that anyone can afford to beautify his home. For one year seedlings of these varieties see page 34 to 36.

Ash. American White. (*Fraxinus Americana*.) A rapid growing, native tree, of fine, symmetrical outline. A valuable street or park tree. Timber is largely used in the manufacture of agricultural implements, railway cars, etc.

Price of White Ash Trees.

	Per 1	Per 10	Per 100
3 to 4 feet trees, nice, well pruned.....	\$0.10	\$0.75	\$6.50
4 to 5 feet trees, nice, well pruned.....	.12	1.00	9.00
5 to 6 feet trees, nice, well pruned.....	.20	1.75	14.00
6 to 8 feet trees, nice, well pruned.....	.30	2.75	22.00
8 to 10 feet trees, nice, well pruned.....	.55	4.50	40.00

Box Elder. Ash Leafed Maple. (*Acer Negundo*.) A small native tree, maple-like in its seeds and ash-like in its foliage. Of spreading habit, rapid growth, very hardy, desirable for street planting, and succeeds in many places where other varieties do not thrive.

Price of Box Elder Trees.

	Per 1	Per 10	Per 100
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3 to 4 ft. well pruned trees....	\$0.08	\$0.70	\$7.00
4 to 5 ft. well pruned trees....	.12	1.00	9.00
5 to 6 ft. well pruned trees....	.20	1.75	14.00
6 to 8 ft. well pruned trees....	.30	2.75	22.00
8 to 10 ft. well pruned trees....	.55	4.75	45.00
10 to 12 ft. well pruned trees....	1.25	10.00	....

Catalpa Bungei. (Chinese Catalpa.) A curious dwarf form only 3 or 4 feet high and twice as broad, it is very useful in formal work when grafted on stems 5 to 8 feet high, forming a pretty, dome-shaped head of large soft, heavy leaves. The flowers are borne in large clusters a foot long, the leaves are laid with shingle-like precision. Hardy, strong growing, unique. An elegant ornamental tree for the lawn, for parks and cemeteries. Price, 6 to 8 ft. trees with strong, well shaped crowns, each \$1.00; 10 for \$9.00.



Catalpa Bungei.

ORNAMENTAL AND SHADE TREES.—Continued.

European Birch. (Betula Alba.) A graceful tree with silvery bark and slender branches. Quite erect when young, but after four or five years' growth assumes an elegant drooping habit, rendering the tree very effective in landscapes. **Price**, 4 to 5 ft. trees, 50c each; \$4.00 per 10.

Catalpa Speciosa. Hardy Catalpa. An effective tropical looking lawn tree with very broad, large leaves and fragrant, purplish-white blossoms in pyramidal clusters, often a foot long. There are a few trees that have been more extensively planted for commercial plantations in Iowa, Nebraska and Kansas. It is hardy, grows rapidly on prairies, resists drought remarkably well, and has hardly any insect enemies. As a post timber it ranks with the Black Locust and Osage. Experiments have left no doubt as to its resistancy to decay. Without doubt, for fence post wood it has no equal, and in view of the fact that it can be grown so easily it ought not to require much argument to cause farmers to plant Catalpa wherever it will grow.

Price of Catalpa Speciosa.	Per 1	Per 10	Per 100
3 to 4 ft. nice trees	\$0.10	\$0.75	\$5.00
4 to 5 ft. nice trees well branched .....	.12	1.00	9.00
5 to 6 ft. nice trees well branched .....	.20	1.75	14.00
6 to 8 ft. nice trees well branched .....	.30	2.75	25.00
8 to 10 ft. nice trees well branched .....	.60	5.50	50.00
10 to 12 ft. nice trees 1½ inch caliper	1.00	9.00	....
10 to 12 ft. nice trees 2 inch and over	1.50	13.00	....

Oriental Sycamore or Plane Tree. (Platanus Orientalis.) This is a rapid grower, broad topped with large leaves producing about the finest headed tree in our list. Especially adapted for street planting in smoky cities. Said to be the only tree that survives the atmosphere of London. A prettier and much healthier tree than the American Sycamore, entirely free from fungus diseases and is not attacked by worms and insects. **Price**, well headed nice trees, 5 to 6 feet high, 40c each; 10 for \$3.50. 4 to 5 feet, 30c each; 10 for \$2.50.

Horse Chestnut. (Castanea.) White Flowering. A fine large tree of compact outline, dense, dark green foliage. In June the tree bears in greatest profusion large panicles of white flowers, tinged with red. Very pretty for street or lawn. **Price**, 5 to 6 feet, 75c each; 10 for \$6.50. 6 to 8 ft., \$1.00 each; 10 for \$9.

Judas Tree. Red Bud. (Cercis Canadensis.) A small growing tree of irregular form, with heart shaped leaves. It is covered with delicate pink blossoms early in the spring, before the leaves appear. A fine, ornamental tree, worthy of general planting. **Price**, 4 to 5 feet, 25c each; 10 for \$2.00.

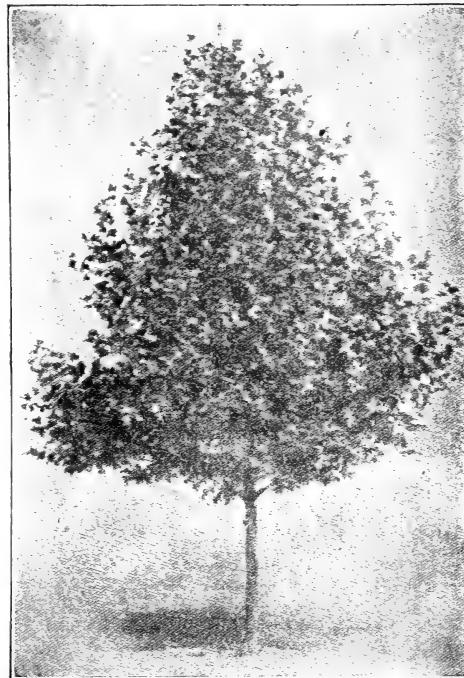
European Linden. (Tilia Europea.) A very pyramidal tree with large leaves and fragrant flowers. A valuable tree for street and lawn planting, developing into beautiful specimens. Extensively planted for ornamental purposes and for bee pasture. Of rapid growth and not very particular as to soil. **Price**, 6 to 8 feet, each 65c; 10 for \$6.00. 5 to 6 feet, 45c each; 10 for \$4.00. 4 to 5 ft., 30c each; 10 for \$2.75.

American Linden. Basswood. (Tilia Americana.) A rapid growing, beautiful tree, with large broad leaves and fragrant flowers. A valuable lawn tree and should be more used for this purpose. It thrives best in moist, rich land, but does well in any good soil. Both Lindens make fine street or shade trees. **Price**, 5 to 6 ft. trees, 40c each; 10 for \$3.50. 6 to 8 ft. trees, 55c each; 10 for \$5.

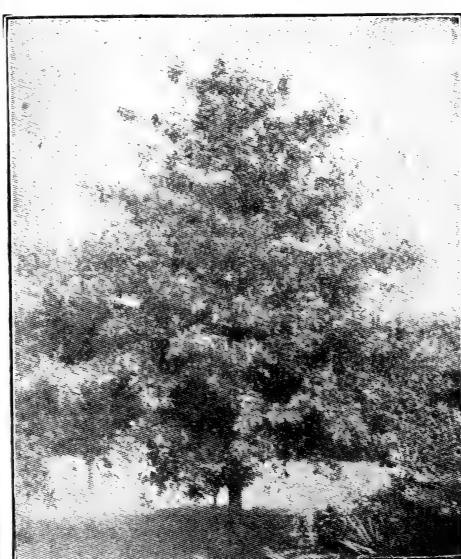
Mountain Ash. European. (Sorbus Aucuparia.) A hardy tree of medium size, erect stem, smooth bark; head is very dense and regular; covered from July until winter with large clusters of scarlet berries. A fine lawn tree. **Price**, 5 to 6 feet, strong trees, each 50c; 10 for \$4.50. 4 to 5 feet, each 40c; 10 for \$3.50. 3 to 4 feet, each 30c; 10 for \$2.50.

Sycamore. (Platanus.) A noble tree with spacious head and large deep green foliage. A rapid, upright free grower, very desirable for shade. It is an excellent street and park tree. **Price** 6 to 8 feet, each 40c; 10 for \$3.50. 5 to 6 feet, each 25c; 10 for \$2.00. 4 to 5 feet, each 20c; 10 for \$1.75. 3 to 4 feet, each 12c; 10 for \$1.00.

Pin Oak. (Quercus Palustris.) An upright, vigorous growing variety, forming a stately, round topped tree, with long, slightly pendulous branches. The dark green, deeply cut foliage turns to brilliant yellow and crimson shades in autumn, forming one of the best of our fall colored trees. Transplants the easiest of all oaks, and is one of our very finest lawn trees, and a desirable avenue tree. **Price**, 5 to 6 feet, 65c each; 10 for \$6.00. 6 to 8 feet, 90c each; 10 for \$8.00.



Oriental Sycamore.



Pin Oak.

ORNAMENTAL AND SHADE TREES.—Continued.

Norway Maple. (*Acer Platanoides*.) One of the most beautiful and desirable trees known. Of large size, perfect outline, with deep green foliage, which turns a pale yellow in autumn. One of the most desirable trees for street, park or garden. Price, 5 to 6 ft. trees, 50c each; 10 for \$4.50. 6 to 8 ft. trees, 75c each; 10 for \$6.50. 8 to 10 ft., \$1.00 each; 10 for \$9.50.



Norway Maple.

most interesting and attractive lawn trees. Price, 5 to 6 feet trees, 40c each; 10 for \$3.50.

Double White Thorn. (*Cartaegus*.) Well adapted to yards and small grounds. Among the most beautiful of small trees, very attractive when covered with their snow white flowers in May and June. Will thrive in all soils. Price, 3 to 4 feet, 45c each; 10 for \$4.00.

Russian Olive (*Elaeagnus*.) This makes a beautiful lawn tree, with its silvery foliage and nearly black, shining bark. The blossoms have a wonderful fragrance. The exquisite perfumes are carried long distances in the air. Is perfectly hardy even as far north as Canada. Price, 2 to 3 feet, 15c each; 10 for \$1.25. 3 to 4 feet, 25c each; 10 for \$2.00. 4 to 5 feet, 30c each; 10 for \$2.75. 5 to 6 feet, with very strong tops, 40c each; 10 for \$3.50.

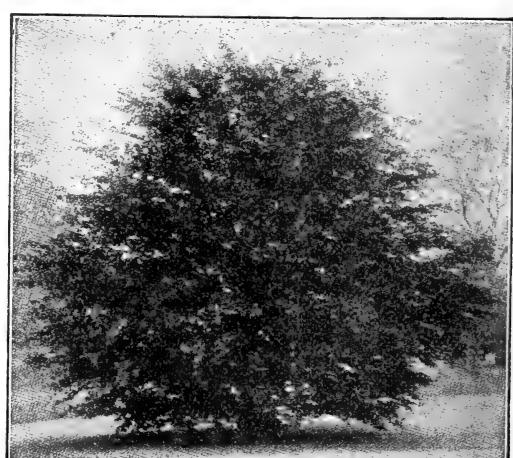
Honey Locust. (*Gleditschia Triaacanthos*.) This is an ornamental, native tree of more than ordinary value. Its branches are spreading, forming a broad, rather loose head. The branches and trunk are covered with strong thorns. Its foliage is finely compound, giving a soft and beautiful appearance, light green in the spring and summer, turning to a clear yellow in fall. Is of rapid growth, stands pruning well and is often used for a hedge, its thorns make it almost impenetrable. Price, 3 to 4 feet trees, 8c each; 10 for 75c; 100 for \$7.00. 4 to 5 feet, 15c each; 10 for \$1.25; 100 for \$11.00. 5 to 6 feet, 20c each; 10 for \$1.75; 100 for \$15.00.

Thornless Honey Locust. Same as above, except that it is entirely free of thorns and is therefore much more suited for a lawn tree. Price, 5 to 6 feet trees, 30c each; 10 for \$2.75.

Black or Yellow Locust. (*Robinia Pseudacacia*.) A large native tree of rapid growth, valuable for shade as well as quite ornamental. The yellowish white flowers are disposed in long pendulous racemes and appear in June. The wood is very valuable for posts, growing quicker to a given size than any other hard wood tree. The timber is of very best quality and for posts outlasts, with a few exceptions, all other sorts. The Forestry Division of the Agricultural Department at Washington recommended the Black Locust for timber plantations for Oklahoma, Texas, New Mexico, Kansas and Nebraska. In western Kansas and Nebraska it will succeed better than any other tree.

Price of Black Locust.	Per 1	Per 10	Per 100
2 to 4 feet, well pruned trees....	\$0.05	\$0.40	\$3.50
4 to 5 feet, well pruned trees....	.10	.90	8.00
5 to 6 feet, well pruned trees....	.18	1.50	12.00
6 to 8 feet, well pruned trees....	.30	3.00	28.00
8 to 10 feet, well pruned trees....	.50	4.00	....

Purple Beech, Rivers'. (*Fagus Sylvatica Riversi*.) One of the most attractive ornamental trees for lawn or park plantings. Very hardy and rarely subjected to insect ravages. Thrives in almost any soil, preferring sandy loam. Leaves large, smooth, very dark purple. The best purple leaved lawn tree known, making fine, large specimens. Price, 3 to 4 feet, \$1.25 each.



Purple Beech.

ORNAMENTAL AND SHADE TREES.—Continued.

Scotch Golden Chain. (Laburnum.) A very ornamental tree of irregular shape with smooth, shining foliage. Its bright yellow pea-shaped blossoms are produced in long clusters. A very beautiful and very hardy tree for the lawn. Price, 3 to 4 feet trees, 50c each; 10 for \$4.50.

Double Flowering Plum. (Prunus Triloba.) A charming shrub or small tree, of spreading, vigorous growth. Very early in spring before its leaves appear the whole tree is decked in a fleecy cloud of very double, light pink blossoms. A beautiful lawn tree. Price, 3 to 5 feet, 75c each.

Double Flowering Peach. (Persica Sanguinea plena.) At their blooming time in May every twig and branch of the Double Flowering Peach is bright with beautifully formed flowers, rendering the trees showy and attractive even at a distance. Flowers are bright red. An exceedingly pretty lawn tree. Price, 3 to 4 feet, each 50c.

Bechtel's Double-Flowering Crab. (Pyrus Coronaria.) One of the most beautiful of the many fine varieties of flowering crabs. Tree of medium size, covered in early spring with large, beautiful, double fragrant flowers of a delicate pink color. From a distance the flowers have the appearance of small roses. Tree blooms when quite young. Price, 4 feet, 60c each.

Golden Poplar. (Populus Aurea.) Fine golden foliage retaining its brilliancy throughout the season. The foliage will stay a golden color, while the Golden Elm will turn green in a few years. To produce a fine color effect among a cluster of green leaved trees, the Golden Poplar is the best tree we know of. A vigorous grower and hardy everywhere. Price, well grown 6 to 7 feet trees, 50c each; 10 for \$4.50. 3 to 4 feet, 30c each; 10 for \$2.50; 100 for \$20.00.

Silver Poplar. (Populus Alba.) Quick growing tree with spreading outline, leaves dark, glossy green above and silver white below. Hardy everywhere. Of great value in farm and private forestry. Sometimes called Silver Maple. Price, 3 to 4 feet, 10c each; 10 for 90c; 100 for \$8.00. 4 to 5 feet, 15c each; 10 for \$1.25. 5 to 6 feet, 20c each; 10 for \$1.75. 6 to 8 feet, 30c each.

Norway Poplar. Sudden Saw Log. (Populus.) A very distinct tree in habit of growing and making a straight, upright, somewhat pyramidal head. The foliage is large, thickly borne, bright and glossy. It grows rapidly in almost every soil, and yet it possesses strength and durability which most of the

Poplars lack. For city planting it is superior to most of the other Poplars as it withstands the effects of smoke and dust much better. These same elements make the Norway Poplar a superior tree for planting in the shelter of forest plantations. It is claimed that this tree will mature a log 2 feet in diameter in 16 years, making a quicker growth than any other tree adapted for the middle or northern states.

Price of Norway Poplar.	Per 1	Per 10	Per 100
4 to 5 feet.....	\$0.15	\$1.30	\$12.00
5 to 6 feet.....	.20	1.80	16.00
6 to 8 feet.....	.25	2.25	20.00

Carolina Poplar. (Populus Carolinensis.) One of the most rapid growing trees, with large, handsome, glossy, deep green leaves. Succeeds everywhere; especially adapted to cities, where it makes unusually fast growth and resists smoke and gas. Pyramidal in form, making a spreading head and dense shade when properly trimmed. It is unexcelled for quick growth and effect; makes a splendid windbreak or screen. It is used in larger numbers for street planting than any other tree.

Price of Carolina Poplar.	Per 1	Per 10	Per 100	Per 1000
2 to 3 feet, whips.....	\$0.04	\$0.35	\$2.50	\$21.00
3 to 4 feet, whips.....	.06	.50	4.00	30.00
4 to 5 feet, whips.....	.08	.70	6.00	50.00
5 to 6 feet, branched.....	.12	1.00	8.00	....
6 to 8 feet, branched.....	.20	1.75	15.00	....
8 to 10 feet, branched.....	.35	3.00	25.00	....
Small plants, by mail.....	.10	.80	....	....

Magnolia Acuminata. Cucumber Magnolia. A beautiful pyramidal growing tree, attaining from 60 to 90 feet in height. Leaves 6 to 9 inches long, and bluish green; flowers yellow, tinted with bluish purple; fruit when green, resembles a cucumber, hence the name. Very hardy. A native tree of northern Ohio. Price, 4 to 5 feet, 40c each; 10 for \$3.00. 5 to 6 feet, 50c each; 10 for \$4.00.



Bechtel's Double Flowering Crab



Norway Poplar.

ORNAMENTAL AND SHADE TREES.—Continued.

Large Double White Flowering Cherry. (*Cerasus avium flore plena*.) This makes a charming garden and lawn tree. At the period of flowering in May, a remarkable beautiful and attractive tree. The flowers are so numerous as to conceal the branches, and present nothing but a mass of bloom, each flower resembling a small rose. A valuable variety. The foliage is very dense in late season; flowers very beautiful and more lasting than any single flowered variety, consequently of great service as cut-flowers. Price, 5 to 6 feet, strong trees \$1.00 each.

Elm. American White. (*Ulmus Americana*.) A noble native tree, of large size, wide-spreading head and graceful drooping branches. Easy to transplant; a hardy grower. One of the grandest park and street trees. Hardy everywhere.

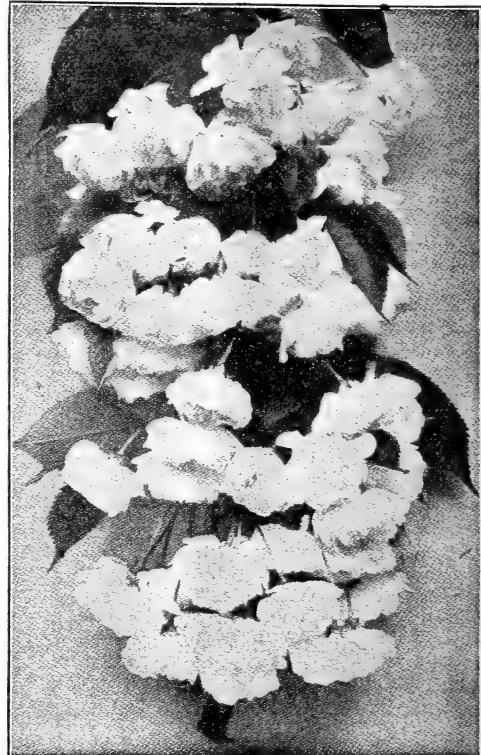
	Per 1	Per 10	Per 100
3 to 4 ft., nice well pruned trees	\$0.08	\$0.65	\$5.50
4 to 5 ft., nice well pruned trees	.15	1.20	9.00
5 to 6 ft., nice well pruned trees	.20	1.75	14.00
6 to 8 ft., nice well pruned trees	.30	2.75	22.00
8 to 10 ft., nice well pruned trees	.55	4.75	42.00

Golden Willow. (*Salix Aurea*.) An exceedingly pretty and showy variety, with bark of bright golden color, making it very conspicuous during the winter. The catkins also are of yellow color. A handsome tree at all seasons.

	Per 1	Per 10	Per 100
3 to 5 ft., trees.....	\$0.05	\$0.45	\$4.00
5 to 6 ft., trees.....	.07	.60	5.50
6 to 8 ft., trees.....	.25	2.00	...
8 to 10 ft., trees.....	.50	4.50	...

Wild Black Cherry. (*Cerasus Serotina*.) Valuable either as an ornamental or timber tree, and is one of the most beautiful natives. It is a strong, straight tree, with dark brown bark. Dark green foliage which retains its color and it is one of the last to lose its leaves. The flowers are borne in long loose racemes, and are followed by purple black fruit ripening in late summer. Is most used in forestry planting. Price, 5 to 6 feet trees 30c each; 10 for \$2.50. 4 to 5 feet, 25c each; 10 for \$2.00.

Tulip Tree. (*Liriodendron*.) One of the largest and most rapid growing of our native forest trees. The branches are spreading, the curiously shaped leaves are very large, of a glossy deep green. The large tulip shaped flowers, of a greenish yellow blotted with orange, appear early in June, followed by curiously shaped seed vessels in the autumn. An excellent and unique tree for street, lawn and park planting. Price, 3 to 4 feet, 30c each; 10 for \$2.75. 6 to 8 feet, 50c each; 10 for \$4.50.



Double Flowering Cherry.

FOREST TREE SEEDLINGS.

ALL NURSERY GROWN. FOR DESCRIPTION SEE ORNAMENTAL AND SHADE TREES.

We are the largest growers of all kinds of forest tree seedlings in the West. We grow them by the millions. Our seedlings are nice well rooted and sound and will be well graded.

	Per 1,	10,	100,	1000,	10,000
Ash, White. (<i>Fraxinus</i> .) 4 to 8 inch, 1 year seedlings.....	\$. . .	\$. . .	\$. . .	\$. . .	\$. . .
" " 8 to 12 inch, 1 year seedlings.....25	2.00	...
" " 12 to 18 inch, 1 year seedlings.....35	3.00	...
" " 18 to 24 inch, 1 year seedlings.....55	4.50	...
" " 2 to 3 feet, 2 year seedlings.....	..	.15	1.00	9.00	...
Box Elder. (<i>Acer Negundo</i> .) 4 to 8 inch, 1 year seedlings.....15	1.25	12.00
" " 8 to 12 inch, 1 year seedlings.....20	1.75	16.00
" " 12 to 18 inch, 1 year seedlings.....35	3.00	...
" " 18 to 24 inch, 1 year seedlings.....	..	.10	.65	4.50	...
" " 2 to 3 feet, 2 year seedlings.....	..	.15	1.00	9.00	...
Black Locust. (Or Yellow Locust.) 4 to 8 inch, 1 year seedlings.....15	1.20	11.00
" " 8 to 12 inch, 1 year seedlings.....25	1.60	15.00
" " 12 to 18 inch, 1 year seedlings.....35	2.40	22.00
" " 18 to 24 inch, 1 year seedlings.....50	3.75	35.00
" " 2 to 3 feet, 1 year seedlings.....	1.25	10.00	...
Honey Locust. (<i>Gleditschia</i> .) 4 to 8 inch, 1 year seedlings.....15	1.35	12.00
" " 8 to 12 inch, 1 year seedlings.....20	1.65	15.00
" " 12 to 18 inch, 1 year seedlings.....	..	.10	.30	2.75	25.00
" " 18 to 24 inch, 1 year seedlings.....	..	.15	.50	4.00	...
" " 2 to 3 feet, 2 year seedlings.....	..	.20	1.25	10.00	...
Thornless Honey Locust. 8 to 12 inch, 1 year seedlings.....	..	.10	.50	4.00	...
" 12 to 18 inch, 1 year seedlings.....	..	.20	.80	6.00	...
" 18 to 24 inch, 1 year seedlings.....	..	.30	1.25	9.00	...

FOREST TREE SEEDLINGS.—Continued.

Per 1. 10. 100. 1000. 10,000

Sugar or Rock Maple.	12 to 18 inch, 1 year seedlings.....	..	.07	.40	3.50	...
"	18 to 24 inch, 1 year seedlings.....	..	.10	.60	5.00	...
Norway Maple.	18 to 24 inch, 2 year seedlings.....	.05	.45	3.50	30.00	...
Soft or Silver Maple. (Acer.)	4 to 8 inch, 1 year seedlings.....	..	..	.15	1.20	11.00
"	8 to 12 inch, 1 year seedlings.....	..	..	.20	1.75	16.00
"	12 to 18 inch, 1 year seedlings.....	..	..	.30	2.25	21.00
"	18 to 24 inch, 1 year seedlings.....	..	..	.40	3.25	32.00
"	2 to 3 feet, 2 year seedlings.....	..	..	1.00	9.00	...
White Elm. (Ulmus.)	4 to 8 inch, 1 year seedlings.....	..	..	.20	1.50	14.00
"	8 to 12 inch, 1 year seedlings.....	..	..	.25	2.00	19.00
"	12 to 18 inch, 1 year seedlings.....	..	..	.35	3.00	28.00
"	18 to 24 inch, 1 year seedlings.....	..	..	.50	4.25	...
"	2 to 3 feet, 2 year seedlings.....	..	.15	1.00	9.00	...
Catalpa Speciosa. (Hardy Catalpa.)	From true seed, which was collected by our own men. All fine seedlings. We have 3 millions					
"	4 to 8 in., 1 year seedlings.....	..	..	.20	1.15	11.00
"	8 to 12 in., 1 year seedlings.....	..	..	.30	1.90	17.00
"	12 to 18 in., 1 year seedlings.....	..	..	.40	3.00	28.00
"	18 to 24 in., 1 year seedlings.....	..	..	.60	5.00	...
"	2 to 3 ft. 2 year seedlings..	.05	.25	1.25	10.00	...
Hackberry. (Celtis.)	4 to 8 inch, 1 year seedlings.....	..	.05	.30	2.50	...
"	8 to 12 inch, 1 year seedlings.....	..	.15	.60	5.00	...
"	12 to 15 inch, 1 year seedlings.....	.05	.25	.90	8.00	...
Osage Orange. (Bois d'Arc.)	4 to 8 inch, 1 year seedlings.....	..	..	.15	1.00	9.00
"	8 to 12 inch, 1 year seedlings.....	..	..	.20	1.25	12.00
"	12 to 18 inch, 1 year seedlings.....	..	..	.25	1.75	16.00
"	18 to 24 inch, 1 year seedlings.....	..	.10	.35	2.75	...
Russian Mulberry. (Morus.)	4 to 8 inch, 1 year seedlings.....	..	..	.20	1.50	14.00
"	8 to 12 inch, 1 year seedlings.....	..	.05	.30	2.50	...
"	12 to 18 inch, 1 year seedlings.....	..	.10	.40	3.50	...
"	18 to 24 inch, 1 year seedlings.....	..	.15	.70	6.50	...
Cottonwood. (Populus Deltoidea.)	12 to 18 inch, 1 year seedlings.....	..	..	.25	1.90	18.00
"	18 to 24 inch, 1 year seedlings.....	..	..	.30	2.50	23.00
"	2 to 3 feet, 1 year seedlings.....	..	.20	1.50	10.00	...
Beech, European. (Fagus.)	12 to 18 inch, 1 year seedlings.....	..	.30	2.75	20.00	...
Beech, Blood. (Fagus Purpurea.)	12 to 18 inch, 1 year seedlings.....	.15	1.25	12.00	...	...
German Linden. (Tilia.)	18 to 24 inch, 1 year seedlings.....	.10	.50	4.00	...	...
American Linden. (Basswood.)	12 to 18 inch, 1 year seedlings.....	.05	.30	2.00	15.00	...
Mountain Ash, European. (Sorbus.)	18 to 24 inch, 1 year seedlings.....	.10	.50	4.00	...	...
White Birch, European. (Betula.)	12 to 18 inch, 1 year seedlings.....	.10	.50	4.00	...	...
Horse Chestnut. (Aesculus.)	12 to 18 inch, 1 year seedlings.....	.10	.50	4.00	...	...
Alder, European. (Alnus.)	18 to 24 inch, 1 year seedlings.....	.05	.25	2.00	18.00	...
Sycamore. (Platanus.)	12 to 18 inch, 1 year seedlings.....	..	.20	1.00	8.00	...
"	18 to 24 inch, 2 year seedlings.....	.05	.25	1.50	12.00	...
Sycamore, European. (Oriental Plane.)	12 to 18 inch, 1 year seedlings ..	.05	.45	4.00	35.00	...
Black Walnut.	8 to 12 inch, 1 year seedlings.....	..	.10	.90	8.00	...
"	12 to 18 inch, 1 year seedlings.....	..	.15	1.20	10.00	...
"	18 to 24 inch, 1 year seedlings.....	.05	.20	1.80	14.00	...
Butternut. (White Walnut.)	12 to 18 inch, 1 year seedlings.....	.05	.40	3.00	...	...
"	18 to 24 inch, 1 year seedlings.....	.07	.50	4.00	...	...
Golden Willow. (Salix.)	18 to 24 inch, 1 year seedlings.....	.03	.25	2.00	18.00	...
"	2 to 3 feet, 1 year seedlings.....	.05	.30	2.75	25.00	...
Rose, Manetti; for budding, No. 1 stock.....		.05	.50	3.00	25.00	...

FRUIT TREE SEEDLINGS.

Apples.	From French Crab Seed, 1 year No. 1.....	..	.25	2.00	18.00	...
Apples.	From French Crab Seed, 1 year No. 2.....	..	.20	1.50	13.00	...
Pear.	French. 1 year No.1.....	..	.25	2.00	18.00	...
"	1 year No. 2.....	..	.20	1.75	15.00	...
Myrabolan Plum.	French 1 year No. 1.....	..	.25	2.00	17.00	...
"	1 year No. 2.....	..	.20	1.50	13.00	...
Mahaleb Cherry.	French, 1 year No. 1.....	..	.20	1.75	15.00	...
"	1 year No. 2.....	..	.15	1.35	12.00	...
Quince.	For Dwarf Pear, 1 year No. 1.....	..	.25	2.00	18.00	...
Apple, Doucine.	For Dwarf Apple, 1 year No.1.....	..	.30	2.50	22.00	...

CUTTINGS. (About 10 inches long.)

	Per 1	Per 10	Per 100	Per 1000
Carolina Poplar. Cuttings20	1.50
Silver poplar. Cuttings20	1.50
Yellow Willow. (Golden.) Cuttings (good for baskets).....20	1.50
Privet. Cuttings25	2.00
Cuttings, postpaid by mail, any variety.....35	2.50

SEEDLINGS WHICH CAN BE SENT BY MAIL. WE PAY POSTAGE.

		Per 1	Per 10	Per 100	Per 1000
Ash. (White.)	6 to 12 inch, 1 year seedlings.....	..	..	.30	2.10
Box Elder.	4 to 8 inch, 1 year seedlings.....	..	..	.20	1.50
Black Locust.	4 to 8 inch, 1 year seedlings.....	..	..	.20	1.50
Honey Locust.	4 to 8 inch, 1 year seedlings.....	..	..	.20	1.50
Hardy Catalpa.	4 to 8 inch, 1 year seedlings.....	..	..	.25	1.75
White Elm.	4 to 8 inch, 1 year seedlings.....	..	..	.20	1.75
Osage Orange.	4 to 8 inch, 1 year seedlings.....	..	..	.20	1.50
German Linden.	1 year seedlings.....	.10	.60	5.00	...
American Linden.	1 year seedlings.....	.10	.60	5.00	...
Mountain Ash.	1 year seedlings .....	.10	.60	5.00	...
Horse Chestnut.	1 year seedlings.....	.10	.60	5.00	...
Oriental Plane.	12 to 15 inch, 1 year seedlings.....	.10	.60	5.00	...
Alder. (Common)	18 to 24 inch, seedlings.....	.06	.40	2.50	...
Soft Maple.	4 to 8 inch, 1 year seedlings.....	..	..	.20	1.35
Soft Maple.	8 to 12 inch, 1 year seedlings .....	..	..	.30	2.25
Norway Maple.	12 to 24 inch, 2 year seedlings.....	.10	.75	5.00	...
Sugar Maple.	12 to 18 inch, 1 year seedlings.....	..	.05	1.00	7.00
Russian Mulberry.	4 to 8 inch, 1 year seedlings.....	..	..	.20	1.50
Russian Mulberry.	8 to 12 inch, 1 year seedlings .....	..	..	.30	2.50

PLANTS FOR HEDGES AND SCREENS.

A hedge to be pretty and effective, must be very dense and well pruned. It is best to plant one year seedlings. The thorny varieties that are used to turn horses, cattle and hogs, should be planted 8 inches apart, which will make three for every two feet. The ornamental varieties may be planted 12 or 18 inches apart. Cut plants back the first year two or three inches, second year 10 or 15 inches, the third year to 24 inches.

THORNY VARIETIES.

Osage Orange. (Bois d'Arc.) A very valuable tree for its timber, posts of this wood being almost indestructible. It should be planted exclusively south of here. It is not hardy north of Nebraska. Stands pruning well and makes a beautiful and effective hedge. 4 to 8 inches, 15c per 100; \$1.00 per 1000. 8 to 12 inches, 20c per 100; \$1.25 per 1000. 12 to 18 inches, 25c per 100; \$1.75 per 1000. 18 to 24 inches, 35c per 100; \$3.00 per 1000.

Honey Locust. See description on page 32. Has very long thorns and turns cattle and hogs well. 4 to 8 inches, 15c per 100; \$1.25 per 1000. 8 to 12 inches, 20c per 100; \$1.60 per 1000. 12 to 18 inches, 40c per 100; \$2.25 per 1000.

Common Buckthorn. A hardy shrub extensively used in England and the Continent for live hedges. Is covered with pretty white blossoms in the spring and nice red berries in the fall. Price for 12 to 18 inch plants, 5c each; 40c per 10; \$3.00 per 100; \$25.00 per 1000.

ORNAMENTAL VARIETIES.

Russian Mulberry. Is well adapted for hedges or screens. Must be pruned often. See further description on page 21.

Lilacs. These make a very attractive hedge. See description on page 42. We have small plants, suitable for hedges, at \$10.00 per 100.

Spirea Van Houtti. This is the best plant for an ornamental hedge that we know. See description on page 42. Plants for hedges should be set 18 inches apart. 12 inch plants suitable for hedges \$12. per 100.

Spirea Thunbergii. Makes a very dense and pretty hedge-fence, not over 3 feet high. See description on page 42. Price, 12 to 18 inches, \$5.00 per 100.

California Privet. (Ligustrum.) No plant has come more rapidly and deservedly into public favor. Is of vigorous growth, has glossy dark green foliage, keeping its color until Christmas. Almost evergreen. Price for 18 to 24 inch plants, 5c each; 40c per 10; \$3.00 per 100. 2 to 3 feet, 10c each; 80c per 10; \$5.00 per 100.

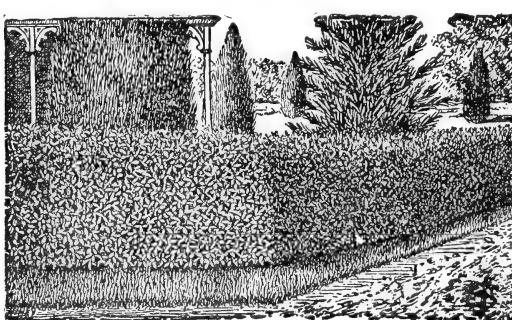
Barberry. (Purple Leaved.) Used as hedge plants extensively. Foliage and fruit of a violet purple color. Price, 12 to 18 inch plants, 5c each; 45c per 10; \$3.50 per 100. 18 to 24 inch, transplanted, 10c each; 85c per 10; \$6.00 per 100.

Barberry Thunbergi. Of dwarf, graceful habit; foliage small, changing to beautiful red early in fall; very showy. Full description see page 40. Price, 18 to 24 in. plants, 10c each; 75c per 10; \$5.50 per 100.

Scotch Sweet Briar Roses. (Rosa Rubiginosa.) Flowers pink, single, very sweet scented. Especially well adapted for a hedge. Price, 1 year old, extra nice plants, 10c each; 75c per 10; \$6.00 per 100.

Arbor Vitae. One of the finest evergreens for hedges. Not hardy north of Nebraska. Price, 6 to 10 inch plants, 5c each; 40c per 10; \$3.00 per 100.

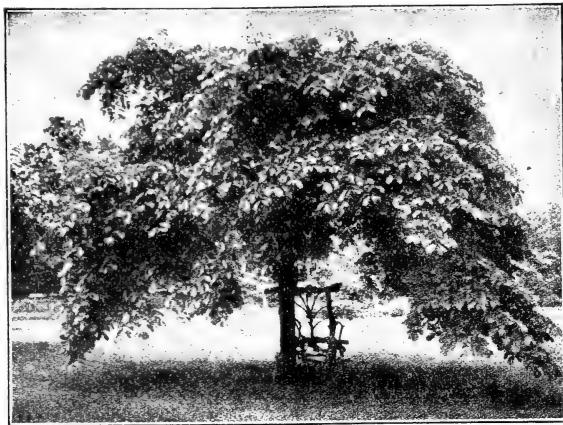
Dwarf Box. (Buxus Suffruticosa.) A small evergreen plant with pretty little leaves. Used as a border for flower and garden beds. Grows well in the shade and withstands smoke and dust. Price 10 inch plants, 5c each; 60c per 10; \$5.00 per 100.



California Privet Hedge.

WEEPING DECIDUOUS TREES.

These trees form objects of great beauty when planted as single specimens on lawns, in the front yard, and especially when used for cemetery decorations. Also of great value for covering arbors. All are invaluable for the variety they add to landscape and garden. Our list embraces the best varieties.



Camperdown Weeping Elm.

es, spreading over wide spaces. Very hardy everywhere. One of the finest lawn trees, making a picturesque effect. Grafted 6 feet high. Price, each \$1.00.

Cut Leaf Weeping White Birch. (*Betula*) This magnificent tree is, without question, the most popular and the most planted of all pendulous or so-called weeping trees. It is a tall, slender tree, yet with vigorous growth. It has an erect central trunk, somewhat pyramidal in shape, with graceful, drooping branches and white bark. The foliage is fine, thin, deeply and delicately cut, and of a beautiful shade of green. The whole tree presents a soft and delightful effect not found in any other hardy ornamental tree. Price, 5 to 6 feet trees, 80c each. 6 to 8 feet trees, \$1.00 each.

Weeping Flowering Cherry. (*Cerasus Japonica Rosea Pendula*) JAPAN WEEPING ROSE FLOWERED CHERRY. An exquisite little tree, draped in rosy masses of bloom in early spring before its leaves appear. When grafted on tall stems its slender branches sometimes sweep the grass in graceful garlands. Well adapted to small lawns and a choice tree for large ones. In early May the branches are clothed with single, rosy white flowers, which are very pretty in bud. Price, 5 to 6 ft. high, each \$1.25.

Camperdown Weeping Elm. (*Ulmus*) Its vigorous branches, which have a uniform habit, overlap so regularly that a compact, roof-like head is formed. Leaves are large, glossy dark green. A strong, vigorous grower. One of the best weeping trees. It can be trained to form an arbor if desired. The peculiar characteristics of this tree make it very popular and valuable for the lawn. Hardy everywhere and not particular as to soil. With age the weeping branches will eventually sweep the ground, and create a shady place as effectively as an arbor. Grafted 6 feet high. Price, \$1.00 each.

American Purple Weeping Willow. (*Salix*) An American species of dwarf habit with slender graceful branches. Forms a fine round head, sweeping outward in fountain shape. It makes one of the most ornamental of small weeping trees. Very hardy, of quick growth. Price, 5 to 6 feet trees, 85c each.

Kilmarnock Weeping Willow. (*Salix*) It forms without and trimming, an exceedingly graceful tree with large, glossy foliage and perfect umbrella shaped head; unique in form. Grows vigorous and will thrive in any soil. One of the finest of this class of trees; especially suited for lawn and for cemetery planting. Not hardy north of here. Grafted 5 to 6 feet high. Price, 75c each.

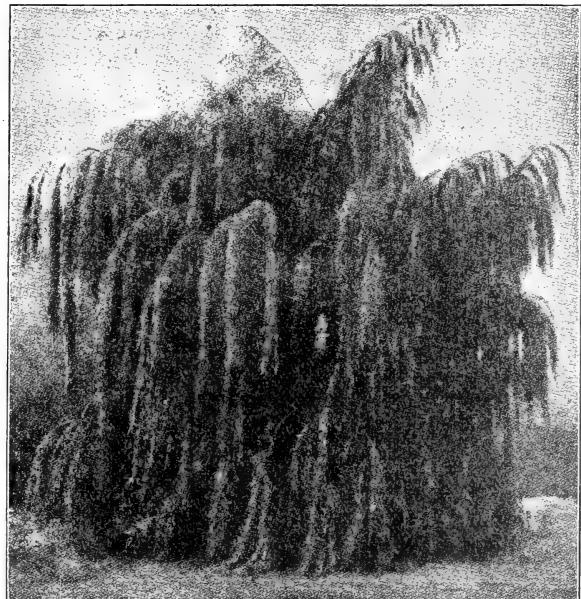
Babylonian Weeping Willow. Napoleon's Willow. (*Salix*) A well known tree of pendulous or weeping habit, with long slender olive green branches. Forms a large, round headed tree of very graceful habit. Very hardy and of quick, robust growth. Excellent for parks, lawns, cemeteries, etc. Price, 4 to 5 feet trees, 20c each; 10 for \$1.75. 5 to 6 feet trees, 25c each; 10 for \$2.25. 6 to 8 feet trees, 35c each; 10 for \$3.25.

Teas' Weeping Mulberry. (*Morus*) The most graceful hardy weeping tree in existence. Forms a perfect umbrella-shaped head, with long slender, willowy branches drooping to the ground. It has beautiful foliage, is wonderfully vigorous and healthy; is one of the hardiest, enduring the cold of the north and the heat of the south; safe and easy to transplant, admirably adapted for ornamenting small or large grounds or for cemetery planting. Grafted 6 to 7 feet high. Price, \$1.00 each.

Weeping Mountain Ash. (*Sorbus*) One of the best known and most popular weeping trees. It is of easy culture, great hardiness and thrives in all soils. Its straggling branches, twisting and turning in every direction, with no training whatever, make a most picturesque and novel sight. Covered during the autumn with bright red berries. It is the best tree for the north of the extremely pendulous type. Grafted 6 feet high. Price, 80c each.

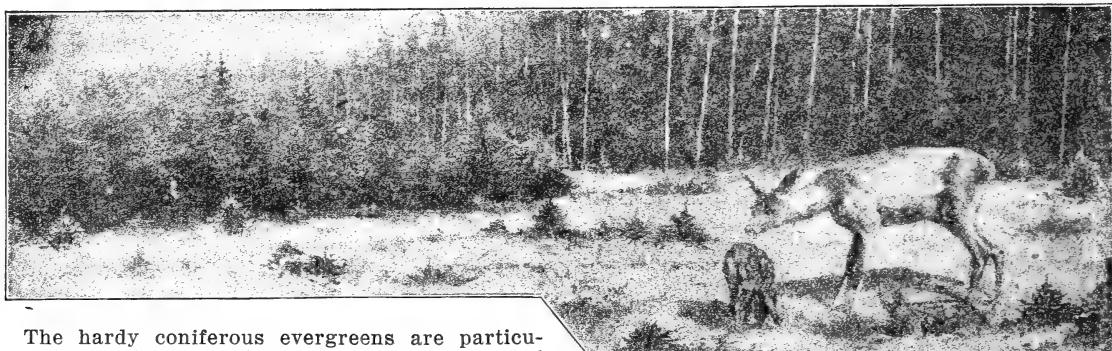
Weeping Ash. (*Fraxinus*) Grows very rapid and vigorous, with pendant or drooping branches.

One of the finest lawn trees, making a



Babylonian Weeping Willow.

EVERGREENS OR CONIFERS.



The hardy coniferous evergreens are particularly valuable for use in all classes of ornamental planting in as much as they preserve their graceful foliage and rich coloring throughout the summer and winter, adding much to the charm of the landscape during that period when deciduous trees and shrubs are without foliage. Beyond their value in the ornamentation and protection of our home, the use they can be put to in reclaiming our waste lands cannot be overlooked. The following evergreens are very hardy and particularly adapted to our western climates.

Evergreens cannot be shipped before April 1st, and should always go by express. For short distance shipments we can pack them in box with other trees and send by freight, but on long distance shipments, it is best to send them by express, and we do so in all instances when an additional sum of 10 per cent of your order for evergreens is remitted, to cover extra express charges.

Arbor Vitae. (*Thuya*.) A well known evergreen of great value; it forms an upright, conical tree of medium size and is, all things considered, the finest evergreen for screens, being hardy and easily transplanted. It grows rapidly, and with little care, and soon forms a most beautiful hedge, very dense, and perfectly impervious to the sight. They are widely planted throughout the United States.

Red Cedar. (*Juniperus*.) Our Cedars are all raised from seed gathered on the Platte River, in Nebraska. They are very pretty, of dark green color, and will not turn red or brown in the winter as

	Price of Arbor Vitae.	Per 1	Per 10	Per 100	Per 1000
7 to 10 in. seedlings	\$0.05	\$0.40	\$3.00	\$25.00	
10 to 15 in., transplanted	.10	.70	7.00	...	
18 to 24 in., transplanted	.20	1.75	15.00	...	
3 to 3 feet, transplanted	.35	3.00	...	...

	Price of Red Cedars.	Per 1	Per 10	Per 100
8 to 10 in., 2 years old, transplanted	\$0.15	\$1.20	\$10.00	
10 to 15 in., 2 years old, transplanted	.20	1.75	16.00	
18 to 24 in., 2 years old, transplanted	.35	3.00	28.00	
2 to 3 feet, 2 years old, transplanted	.50	4.00	...	

the eastern Red Cedar. Being a native of Nebraska, they are exceedingly hardy, and will stand any amount of dry weather. The very best for windbreaks.

Balsam Fir. (*Abies Balsamea*.) Forms a slender, spiral and very symmetrical pyramidal tree. It is one of the most rapid growing trees in the conifer group, and is extremely hardy. Foliage very dark green; needles soft, short, and have a pleasant aromatic fragrance. For lawn planting, either in groups or as a specimen, it lends itself to a variety of uses. Price 6 to 10 inch seedlings, 10c each; 10 for 75c; 100 for \$6.00. 10 to 15 inch seedlings, 15c each; 10 for \$1.35; 100 for \$12.00.

European Larch. (*Larix Europaea*.) An excellent, upright, rapid growing pyramidal-shaped tree, with drooping, slender branches; foliage light green, soft and graceful in the spring, turning to a golden yellow in the autumn before falling. Unlike most conifers, it is deciduous after the first year; perfectly hardy and thrives in nearly all situations. Makes a very handsome specimen for ornamental planting and very valuable for timber. The cones are small and grow upright on the branches. Price, 12 to 18 inch seedlings, 10c each; 10 for 90c; 100 for \$7.00. 1½ to 2½ feet, transplanted, 25c each; 10 for \$2.25; 100 for \$19.00.

Blue Spruce. (*Picea Pungens*.) The Blue Spruce is the most beautiful of all conifers. Its silver foliage, glistening in the sunlight, makes it surpass in beauty any other evergreen. It is very hardy; a good grower, will withstand severe winters and excessive moisture, and is very easily transplanted. It has no equal for lawn or cemetery use.

	Price of Blue Spruce.	Per 1	Per 10
6 to 10 inch, seedlings	\$0.15	\$1.25	
10 to 15 inch, seedlings	.50	4.00	
2 to 3 feet, transplanted	1.50	...	
2 to 3 feet, selected blue	4.00	...	

We also have Blue Spruce, selected true blue specimen, 15 to 20 inch high, in tubs. These will be shipped in the tubs and you will have no trouble to make them grow. Price, \$3.50 each.

Black Hill Spruce. (*Abies Douglasii*.) A beautiful, rapid growing tree, with nice, dark green foliage. It is a splendid tree for lawn planting, and is used in all work where a particularly choice tree is required.

	Price of Black Hill Spruce.	Per 1	Per 10	Per 100
6 to 10 inch, seedlings	\$0.15	\$1.00	\$8.00	
10 to 15 inch, seedlings	.20	1.50	12.00	
2 to 3 feet, transplanted	1.25	...	...

Norway Spruce. (*Picea Excelsa*.) A lofty tree, of perfect pyramidal form, remarkably elegant and rich, and as it gets age, has fine pendulous branches: it is exceedingly picturesque and beautiful. Very popular and deservedly so. One of the best evergreens for hedges and windbreaks.

	Price of Norway Spruce.	Per 1	Per 10	Per 100	Per 1000
6 to 10 in., seedlings	\$0.07	\$0.40	\$3.50	\$20.00	
10 to 15 in., 2 yr. transpl.	.15	1.00	9.00	...	
18 to 24 in., 2 yr. transpl.	.25	2.25	20.00	...	
2 to 3 ft., 3 yr. transpl.	.35	3.00	...	...

EVERGREENS OR CONIFERS.—Continued.

Scotch Pine. (*Pinus Sylvestris*.) A dense growing, broad, pyramidal tree with stout, erect shoots and pleasing silver-green foliage. One of the best ornamental forest trees. Grows luxuriantly in most soils.

Price of Scotch Pine.	Per 1	Per 10	Per 100	Per 1000
6 to 10 in., seedlings	\$0.05	\$0.40	\$3.00	\$25.00
10 to 15 in., seedlings	.10	.80	6.00	45.00
18 to 24 in., transpl.	.25	2.00	18.00	...
3 to 3 feet, transpl.	.35	3.00	...	...
3 to 4 feet, t. nspl.	.75	..	..	..
4 to 5 feet, transpl.	1.25	..	..	..

Austrian Pine. (*Pinus Austriaca*.) The Austrian or Black Pine is a stout branched tree of rapid growth; branches rather long in proportion to the trunk than in most pines. The elegant whorls of branches are densely clothed with deep, blackish green foliage. It is one of the best pines for forming screens. Perfectly hardy and thrives well in dry soil and upon high bleak hills.

Price of Austrian Pine.	Per 1	Per 10	Per 100	Per 1000
6 to 10 in., seedlings	\$0.05	\$0.40	\$3.00	\$20.00
10 to 15 in., seedlings	.10	.80	6.00	40.00
18 to 24 in., transpl..	.25	2.00	18.00	...
2 to 3 feet, transpl..	.35	3.00	..	..
3 to 4 feet, transpl..	.75	..	..	..
4 to 5 feet, transpl..	1.25	..	..	..

Jack Pine. (*Pinus Divaricata*.) The most northern of all American pines. Extremely hardy and vigorous, withstanding long droughts and hot dry winds. Of rather irregular growth. Foliage bright green; needles short and stiff.

Ponderosa Pine. (Yellow or Bull Pine.) One of our native Pines growing throughout the western states and in the Black Hills of South Dakota. Long, stiff, heavy needles. Very fast grower and recommended for all wind-break and shelter planting.

Irish Juniper. (*Juniperus*.) Forms a dense, close, columnar tree, 15 to 20 feet in height. The branches are regular, very compact and densely covered with rich, deep green foliage. A pretty little tree and very useful in formal work. Succeeds best in well drained soils.



Austrian Pine.

Price of Jack Pine.	Per 1	Per 10	Per 100	Per 1000
6 to 10 in., seedlings..	\$0.05	\$0.40	\$3.00	\$20.00
10 to 15 in., seedlings..	.10	.80	6.00	40.00
15 to 20 in., transpl....	.20	1.75	..	..

Price of Ponderosa Pine.	Per 1	Per 10	Per 100	Per 1000
4 to 6 inch, seedlings	\$0.05	\$0.25	\$2.00	\$15.00
6 to 10 inch, seedlings	.06	.35	2.50	20.00
12 to 18 inch, seedlings	.10	.75	5.00	45.00

Price of Irish Juniper.	Per 1	Per 10	Per 100
6 to 10 inch, seedlings...	\$0.10	\$1.00	\$8.00
12 to 18 inch, transplanted	.40	3.50	..
2 to 3 feet, transplanted	.75	..	..

ORNAMENTAL SHRUBS.

There is nothing which so quickly, and for so little cost, adds so much to the beauty, cheerfulness and home-like appearance of a place as an assortment of hardy shrubs. They are permanent improvements which increases in size, value and beauty, year after year. Our price is for strong healthy plants, 2 year old and 2 to 3 feet high. If ordered together with trees and other plants, to the amount of \$10.00, we prepay all freight charges.

Azalea Mollis. Showy, low-growing, hardy plants used extensively in parks and public grounds. The brilliancy of their yellow, orange and carmine flowers is not approached by any other hardy shrub. This shrub blooms in splendid showy clusters early in the spring. Should be protected with a layer of straw during severe weather. Our plants are about 1½ foot high, with numerous buds. Too large to go by mail. Price, 65c each; 10 for \$6.00.

Althea. (Rose of Sharon.) Unsurpassed by any hardy shrub for freedom of bloom. From mid-summer until frost, when few other shrubs are in bloom, the Althea blossoms freely. Grows 4 to 6 feet tall. They have rich foliage and bear large flowers. Of the easiest culture and very hardy. See illustration on page 40. We have the following varieties, **Price**, each 20c; 10 for \$1.75.

BOULE DE FEU, very double, deep red.

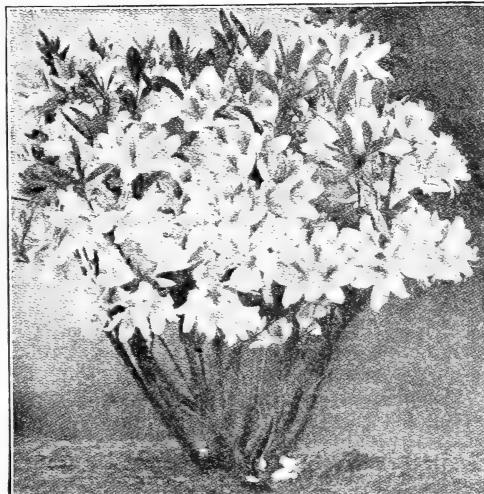
ARDENS, the familiar double purplish blue.

JEANNE DE ARC, double pr e white.

SPECIOSA, double rosy pink.

DUC DE BRABANT, dark rose large double flowers.

Tree Altheas. We can furnish the above varieties in tree form. Nice, stocky specimen, 3 feet high. Price, 35c each; 10 for \$3.00.



Azalea Mollis.



Althea. (Page 39.)

Cornus. DOGWOOD. White Flowering. The flowers are produced in spring before the leaves appear, are from 3 to 3½ in. in diameter, white and very showy, lasting in favorable weather more than two weeks. Besides being a tree of fine form, its foliage is of a grayish-green color, glossy and handsome, and in autumn turns to a deep red, rendering the tree one of the most showy and beautiful objects of the season. Too large for mailing. Price, 3 to 4 ft. trees, 30c each; 10 for \$2.75.

Daphne. One of the earliest shrubs to bloom and very valuable on that account alone. Of upright growth, 2 to 3 feet high, blooming in April to May. Showy red flowers succeeded by pretty crimson colored fruits. Ea. 25c; Postpaid 30c.

Deutzia. A very desirable shrub of strong hardy growth, with nice luxuriant foliage and bearing an abundance of beautiful racemes of double, white flowers. Must be seen to be appreciated. There is nothing in the list of hardy shrubs that gives better results for planting masses or groups on the lawn. Extremely hardy, blooming in June. Sometimes called Snowflower. See illustration on page 41. Price, each 25c. Postpaid, 30c each.

Forsythia. GOLDEN BELL. Growth upright, foliage deep green, flowers bright yellow. One of the early flowering shrubs, the flowers appearing before the leaves. Very hardy and of strong growth. Stems and leaves retain their color until late fall. Is worthy of a place in every garden. See illustration on page 41. Price, each 25c. Postpaid 30c each.

Flowering Almond. (Prunus.) The Flowering Almonds are pretty dwarf bushes that bloom quite early and are very showy in spring. Their slender, leafless, upright branches are entirely hidden by stemless, very double flowers of pink color. Grows to a height of 5 feet and blooms in May. One of the best flowering shrubs and can be highly recommended. Price, each 25c. Postpaid, 30c each.

Flowering Currant. (Ribes Aureum.) The Flowering Currants are much prized for their wealth of bright flowers in early spring and their prevailing spicy odor. The leaves are glossy and turn brilliant colors in the fall. This variety has yellow, fragrant flowers, followed by dark brown fruits. Is hardy most anywhere, of vigorous growth with upright branches. Attains a height of 5 to 7 feet. Price, each 25c. Postpaid, 30c each.

ORNAMENTAL SHRUBS.—Continued.

Barberry, Thunbergi. JAPANESE BARBERRY. (*Berberis*) Invaluable little shrub that fits in with almost every planting. Will grow just about anywhere, and has handsome foliage of bright green oval leaves, that turn the most brilliant shades of orange and red in the fall. The slender, graceful branches which are protected by small thorns, are lined with little scarlet berries of great attractiveness from early autumn well into winter. Price, 30c each; 10 for \$2.50. Postpaid 35c each.

Barberry, Purple Leaved. A most beautiful shrub, growing about 4 feet high, very rich in color of foliage, and especially ornamental in the autumn and winter. Leaves dark purple, followed by pretty berries. Valuable as a hedge plant. Each 20c; 10 for \$1.75. Postpaid, 25c each.

Calycanthus. SWEET SCENTED SHRUB OR STRAWBERRY SHRUB. Flowers very double, brownish purple in color and deliciously fragrant. Blooms nearly all summer. One of the most desirable shrubs. Hardy and of easy culture, deserving of a prominent place in every garden. Grows 4 feet high. Each 25c. Postpaid, 30c each.

Clethra. PLPPER BUSH. A desirable native shrub of dense growth, producing abundant slender spikes of very fragrant white flowers in mid-summer. Valuable for shaded places, and one of the best plants for shrubbery borders, as it flowers so abundantly at a time when little else is in bloom. Include it in all such plantings. Grows 4 to 5 feet high and blooms in Aug. Also called White Alder and Sweet Pepper Bush. Price, each 35c. Postpaid, 40c each.



Barberry Thunbergi.



Clethra.

ORNAMENTAL SHRUBS.—Continued.

Fringe Tree, Purple. (*Rhus Cotinus*.) Mist or Smoke Tree. One of our handsomest shrubs, growing to tree-like proportions in favorable locations. Its loose, graceful drooping panicles of purple flowers are quite fragrant, and borne in fringing clusters above very large, deep green leaves of thick, leathery texture. In autumn the foliage turns to shades of reddish brown. Blooms in June. Each 25c. Postpaid 30c each.

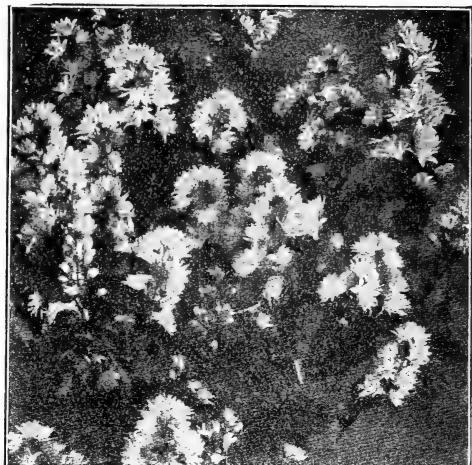
Fringe Tree, White. (*Chionanthus*.) A very desirable tall growing shrub. Foliage dark green, turning yellow in autumn. Flowers pure white, in loose drooping panicles, appearing in May and June, followed by small, plum-like berries of bluish color. A handsome free-flowering tree that thrives best in moist loamy soil. Price, 12 to 18 inches high, each 20c; 10 for \$1.75. Postpaid 25c each.

Golden Elder. (*Sambucus*.) A variety with golden yellow foliage. A valuable plant for producing contrast when planted with other shrubs. Grows to a height of about 6 feet, and is of vigorous, spreading habit. Should have full sun to give best effect. Grows well on all soils and can be pruned into a neat compact little bush. One of the best golden foliaged shrubs. Each 25c. Postpaid 30c each.

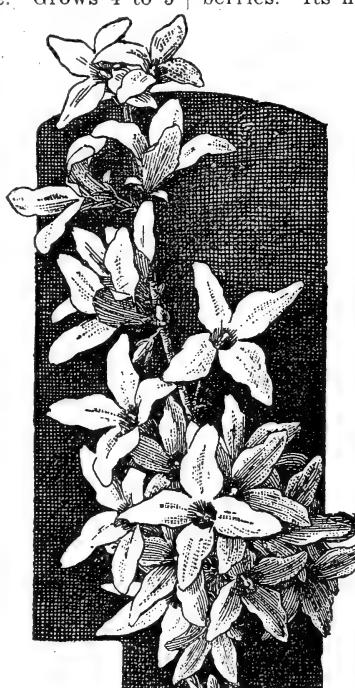
Globe Flower. (*Kerria Japonica*.) Has polished green leaves and stems brightened with a profusion of large, rich yellow double flowers throughout the summer. A handsome, graceful shrub with pretty, finely toothed foliage. Grows 4 to 5 feet high and will thrive in any soil. A charming plant, worthy of a place in any garden. Hardy, but benefitted by protection from cold winds in severe climates. Each 35c; postpaid 40c each.

High Bush Cranberry. (*Viburnum Opulus*.) This well-known native shrub is one of our most desirable varieties. It has handsome broad foliage of a lustrous, dark green color, changing later to rich coppery tints. The large flat cymes of white flowers are very ornamental, but the shrub is particularly conspicuous later in the fall and early winter for its brilliant scarlet fruit which hangs in large pendulous clusters and remains on until spring. Blooms in June. Each 30c. Postpaid 35c each.

Honeysuckle. (*Lonicera*.) UPRIGHT RED TARTARIAN. Very pretty, tall growing flowering shrub, blooming in May and June. Flowers bright pink followed by showy red berries. Height 8 to 12 feet. Hardy everywhere. Each 25c. Postpaid 30c each.



Deutzia. (Page 40.)



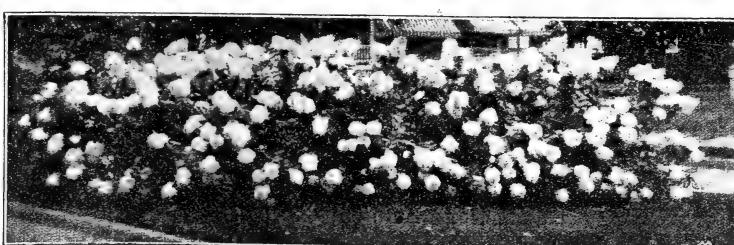
Forsythia. (Page 40.)

Mahonia. (*Mahonia Aquifolia*.) The Holly Leaf-ed Mahonia is a native species of medium size with purplish, shining, prickly leaves and showy, bright yellow flowers in May, succeeded by bluish berries. Its handsome, deep green, glossy foliage and neat habit render it very popular for decorative planting. Hardy, but benefitted by protection in severe climates. 2 year old plants 12 inches high, each 25c; postpaid 30c.

Japan Quince. (*Cydonia*.) Also called Fire Bush. The fine brilliant scarlet flowers are among the first blossoms, appearing before the leaves are fully developed. Is especially well adapted for hedge purposes. Very hardy and easily transplanted. Ea. 25c. Postpaid 30c.

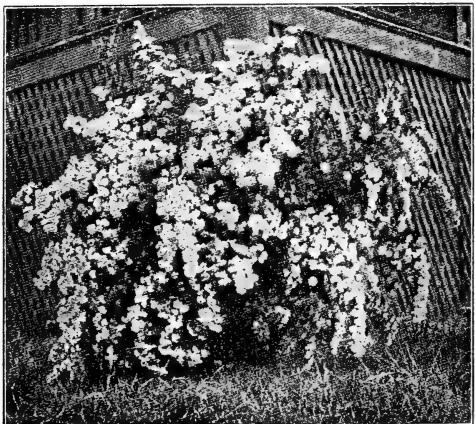
Hydrangea, Paniculata Grandiflora. Is perfectly hardy everywhere. The flowers are white, borne on immense pyramidal panicles, nearly a foot in length. It commences flowering in July and continues until November. Unsurpassed for the lawn, for hedges, parks or cemetery planting, either in groups or as single specimen plants. Grows 4 to 6 feet high. Each 25c. Postpaid 30c each.

Hydrangea, American Ever-blooming. This new Hydrangea is the most beautiful hardy flowering shrub introduced in the last twenty years. The plant, which attains a height of 5 or 6 feet, with nearly the same breadth, is of far more graceful habit than the old form; with large trusses of beautifully formed flowers of dazzling whiteness, rendering this a plant of peerless beauty. It seems to thrive in various soils, and when fully exposed to the sun as well as in partial shade. The profusion of bloom of this new Hydrangea is very unusual. Ea. 50c. Postpaid 60c.



Hydrangea Paniculata Grandiflora.

ORNAMENTAL SHRUBS.—Continued.



Spirea Van Houtti.

hardy, easy to grow in many soils and situations, and will be found useful for specimens, groups, screens, borders, ornamental hedges, etc. We grow the following 4 varieties:

Spirea Van Houtti. (Bridal Wreath.) The grandest of all spireas. Very beautiful for the lawn. When in bloom it is a perfect fountain of white blossoms, the foliage hardly showing. Perfectly hardy, an early bloomer and vigorous grower. A very good plant for a fancy hedge. Grows 4 to 5 feet high, and blooms in early June. Each 20c. Postpaid 25c.

Spirea Billardii. Rose-colored flowers in large spikes, blooms nearly all summer. Very pretty and showy and splendid for cut flowers. Grows 4 feet high. Each 25c. Postpaid 30c each.

Spirea Thunbergii. (Snow Garland.) A Japanese variety of medium size, with narrow delicate leaves and a profusion of small white flowers in early summer. One of the best. Leaves narrow, bright green, turning in autumn to brilliant shades of orange and scarlet. Grows to a height of 3 to 4 feet. Each 25c. Postpaid 30c each.

Spirea Anthony Waterer. This beautiful variety produces flowers of a bright crimson and blooms so freely that it may be kept flowering throughout the summer till late fall by trimming away the dead blossoms. The foliage also is very handsome being variegated with creamy white or yellow and sometimes tinted with pink. Each 25c. Postpaid 30c.

Snow Ball. GUELDER ROSE. (*Vileurnum Plicatum*.) A well known and favorite shrub of large size. Bears balls of pure white flowers in June. We have a bush on our farm, on which we counted over 800 blossoms at one time. Hardy everywhere. Each 25c. Postpaid 30c each.

Snowberry or Waxberry. (*Symporicarpus*.) A desirable shrub with small pink flowers, followed by large white, wax-like berries, which hang on the plant through most of the winter. Grows to a height of 2 to 4 feet. Very showy and succeeds everywhere, of special value for planting in densely shaded places, where few other shrubs will grow. Each 25c. Postpaid 30c each.

Tamarix. Very strong growing shrub with brown bark and slender, spreading branches. The foliage is as light and feathery as asparagus; flowers delicate and fringing, of bright pink color. Blooms in May or June and sometimes again in the fall. Valuable for planting near the sea-shore or on the edge of sandy banks near fresh water. Will grow 6 to 8 feet high. Each 25c. Postpaid 30c each.

Weigelia or Diervilla. No shrub in our collection has attracted more attention. It is of robust but graceful growth, 5 to 7 feet high and produces immense numbers of superb, trumpet shaped flowers, from June until fall. Plants frequently have more flowers than leaves. We list the following two varieties:

Weigelia Rosea. Of Japanese origin. An elegant shrub with beautiful rose colored flowers. Blooms from June until fall. It is erect in habit and with good foliage. Height 5 feet. Very hardy. Each 25c. Postpaid 30c each.

Weigelia Variegata. Leaves bordered with yellowish white, making the bush very conspicuous the entire season. Pink flowers. Each 25c. Postpaid 30c each.

WINTER BLOOMING BULBS.

For fall planting, either for house culture or early spring blooming in the garden, we offer a large assortment of choice **Holland Bulbs**, such as Hyacinths, Tulips, Narcissus, Crocus, Snowdrops, Roman Hyacinths, Chinese Sacred Lilies, etc. Write for illustrated price list, ready September 1st.



Weigelia.

CORRECTION

Under heading of **HONEYSUCKLE** third variety, the first line should read as follows:

Honeysuckle, Red Coral. A shrubby climber and one of the most

HARDY ORNAMENTAL CLIMBING SHRUBS

Your home, out-buildings, fences and trunks of old trees can be made very attractive by the use of hardy vines. Such permanent improvements add greatly to the value of your property, and the value increases from year to year. We furnish nice, strong, field grown plants at prices given below.

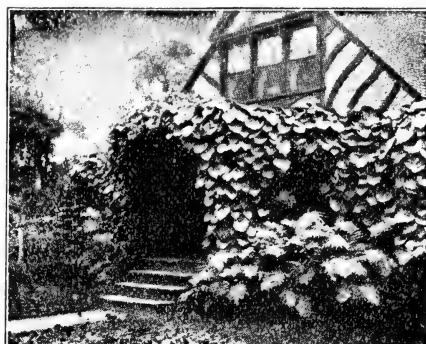
Aristolochia. (Dutchman's Pipe.) Derives its name from the peculiar shape of its flowers, which resemble old fashioned Dutch pipes. It is one of the most rapid climbers in use. Does best on the north side of houses where the full force of the noonday sun does not strike it. This is an extremely desirable feature, however, as it fills locations where most other vines are not a success. Blooms in June. Our illustration shows arbor covered with this vine. Ea. 65c; post'p 75c.

Akebia. A beautiful, hardy Japanese vine, with unique foliage and chocolate-purple flowers of delightful fragrance in large clusters. The foliage is never attacked by insects and is nearly evergreen. Blooms in May. Does best in a sunny location and well drained soil. Ea. 35c; postpaid 40c.

Boston Ivy. (Ampelopsis Veitchi.) One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it evenly with overlapping leaves, which form a perfect mass of foliage. The color is a fresh, deep green in summer, changing to bright shades of crimson and yellow in autumn. When once established it is quite hardy.

Chinese Matrimony Vine. (Lycium.) A vigorous growing, hardy climbing vine that may be used anywhere that a vine is needed for training to trellis, fence or wall. Every new shoot becomes filled with small purple flowers, which are remarkably handsome, and are followed by brilliant scarlet berries nearly an in. long. Is already a popular climbing plant. Succeeds everywhere. Each 25c; postpaid 30c.

Cinnamon Vine. (Diascorea.) This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of cinnamon. Perfectly hardy, the stem dying down every autumn, but growing again so rapidly as to completely cover any trellis or arbor very early in the season. With its beautiful heart-shaped leaves and clusters of delicate white flowers it is a most desirable climber. Strong roots, 10c each; 10 for 75c; postpaid 15c each.



Aristolochia.

Each 30c; postpaid 35c.

Honeysuckle, Hall's Evergreen Japan. (Lonicera.) One of the best, and a free bloomer. Has oval, semi-evergreen foliage and fragrant yellow and cream colored flowers in constant succession. Excellent for covering trellises, rocks, dry banks, etc. Each 25c; postpaid 30c.

Honeysuckle, Aurea. A variety with beautifully variegated foliage. Flowers very fragrant, of creamy white color. In bloom from June till August. Each 25c; postpaid 30c.

Honeysuckle, Aurea. A variety with beautifully variegated foliage. satisfactory of all plants. The odd shaped foliage is showy and attractive and it produces its bright red, fragrant, trumpet-shaped flowers almost continuously. Each 20c; postpaid 25c.

Japanese Kudzu Vine. JACK-AND-THE-BEAN-STALK VINE. (Pueraria.) The most remarkable rapid growing hardy perennial extant. In rich soil will grow 70 feet in one season. Starts into growth slowly, but after three or four weeks grows almost beyond belief. Leaves in shape like Lima Beans, dark green, soft and woolly. For porches, arbors, old trees, etc., we know of nothing its equal. Strong field grown roots, 25c each; postpaid 30c.

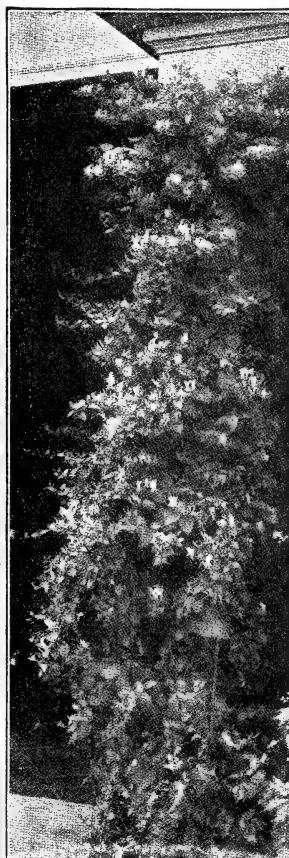
Madeira Vine. Also called Mignonette Vine and Mexican Vine. A beautiful, tuberous rooted climber, with glossy green leaves and handsome racemes of fragrant white flowers. The vines make a rapid growth, and a few plants will cover a trellis or cottage wall in a single season. Will grow anywhere without care. Strong roots, each 5c; 12 for 50c; postpaid, each 10c; 12 for 75c.

Trumpet Vine. (Bignonia.) A robust, woody vine, climbing high and twining tightly, with numerous roots along its stems. Great leathery, trumpet-shaped flowers of orange-scarlet cluster all the tips of the branches, bending them gracefully with their weight. In bloom nearly all summer. Each 25c; postpaid 30c.

Virginia Creeper. WOODBINE. A strong, rapid grower; foliage large, dark green; in autumn bronze and crimson. This is an old favorite and valuable for covering back porches, out-buildings, arbors, Perfectly hardy. Each 15c; postpaid 20c.

Wistaria, Chinese Purple. This variety bears in great profusion large drooping clusters of purple, pea-shaped flowers, somewhat resembling a bunch of grapes in size and form. Blooms in May and June and sometimes again in the fall. Foliage is very pretty, of pale green color. A very pretty climbing plant and may be also trained to tree form. Each 25c; postpaid 30c.

Wistaria Alba. A form of the above, but flowers are pure white. Each 40c; postpaid 45c.

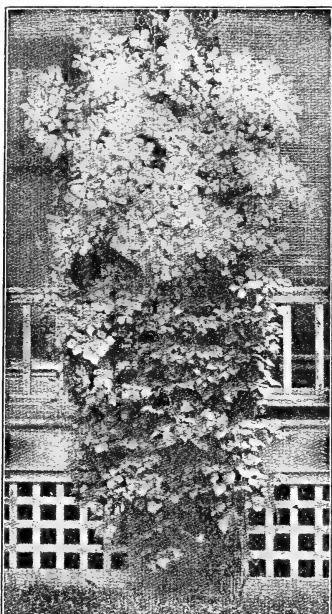


Japan Honeysuckle.

HARDY ORNAMENTAL CLIMBING SHRUBS.—Continued.

CLEMATIS.

Beautiful free flowering vines with showy flowers. They are well adapted for training on porches, balconies and trellises, or for covering walls, fences and arbors. A loamy, fertile soil suits them best, and to secure the best results the ground should be enriched frequently. The east side of the house seems to be best adapted for these plants, but any place in the garden or yard will do, provided that good drainage exists and the plants are shaded from the hot noonday sun. Water frequently in hot weather. We can furnish the following best varieties, all 2 year old, strong field grown plants:



Clematis Jackmanni.

Jackmanni. The well known large flowering blue clematis. The beautiful flowers, when fully expanded, measure 4 to 6 inches in diameter, intense violet-purple with a rich velvety appearance, distinctly veined. It blooms continually from July until cut off by frosts. The plant is hardy, and an abundant and successful bloomer. Each 50c; postpaid 60c.

Henryi. This is the finest of all large flowering white clematis, and should find a place in every collection. It is not only a vigorous grower, but a remarkably free and continuous bloomer, beginning with the earliest and holding on with the latest. Flowers large, of a beautiful creamy-white, with reddish-chocolate anthers. A very desirable variety. Each 50c; postpaid 60c.

Madame Edouard Andre. Has been called the crimson Jackmanni. The plant is a strong, vigorous grower, and very free in bloom. The lovely flowers are large and of distinct crimson-red color. Distinct from all other varieties. Each 50c; postpaid 60c.

Paniculata. The small flowering, sweet-scented Japan clematis. One of the most vigorous and beautiful of all climbers. It is a rapid grower, and desirable wherever a quick growing vine is needed, on walls, verandas, fences, etc. In late summer it produces dense sheets of medium size, pure white flowers, of the most pleasing fragrance. Will grow in almost any soil, and is entirely free from blight and insects. Has become one of the most popular vines in America. Each 30c; postpaid 40c.

Coccinea. Scarlet Bell-flower Clematis. A beautiful and graceful climber, with broad green leaflets and very pretty flowers of intense scarlet color. Blooms freely in June and throughout the summer. The plants are healthy and will stand drought quite well. Each 35c; postpaid 45c.

HERBACEOUS PERENNIAL PLANTS.

Perennials have never been so popular as they are at the present time. Their permanency appeals to all. They are planted once and are always there; living through the winter with little or no protection, the flowers become better as the plants grow older. Will grow well in any good soil, which may be enriched with decomposed manure or bone meal. The varieties we list are all perfectly hardy, the tops dying down in winter, but coming up again early in the spring. Our prices are for field grown plants.

ARTEMESIA PONTICA.

Beautiful plant for border or for filling in within the shrubbery. The foliage is silvery, deeply cut and very ornamental. Splendid for a hedge, as the plants will stand trimming well. Grows readily in all soils. Height 15 to 18 inches. Each 15c; 10 for \$1.25.

ACHILLEA. "THE PEARL."

The finest of all plants for cemetery planting. The plants grow about 20 inches high and are completely covered with double pure white flowers from July until frost. A fine cut flower. Each 15c; 10 for \$1.25 postpaid.

ANEMONE JAPONICA. (Japanese Wind Flower.)

These beautiful hardy plants are not appreciated as they should be. They make a magnificent garden show and furnish abundant cut flowers. They commence blooming in August and increase in beauty till heavy frost. See illustration page 45. We furnish the following varieties:

Whirlwind. Flowers semi-double, pure white.

Brilliant. Beautiful dark red.

Queen Charlotte. Flowers very large, semi-double, color a soft pink.

Price, each 15c; 10 for \$1.25 postpaid.

AQUILEGIA. (Columbine.)

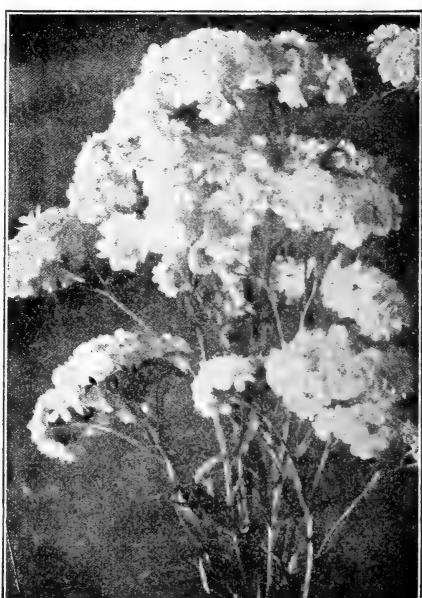
The Columbines have an established place in all oldfashioned gardens. Their curious forms and many pleasing shades of color, and the readiness with which they adapt themselves to all localities, have made them prime favorites.

Chrysanth. The Golden Columbine. Flowers very numerous, 2 to 3 inches across, bright yellow. Height 3 to 4 feet.

Coerulea. The true Rocky Mountain Columbine. An exquisite flower, with pale blue sepals and white petals. Grows about 1½ feet high and blooms in June.

Vulgaris. The well known garden columbine, in all shades of blue and purple. Blooms in June. Height 2 feet.

Price, each 15c; 10 for \$1.25 postpaid.



Achillea.

HERBACEOUS PERENNIAL PLANTS.—Continued.

ASTERS.

MICHAELMAS DAISIES, OR STARWORTS.

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past, and for best effect should be planted in masses of one color. They grow freely in any soil.

Multiflorum. The plants form bushes 2 to 3 feet tall, literally covered with pretty little white flowers. Blooms September and October.

Novae-Angliac. 3 to 4 feet high. Flowers bright violet-purple, large and showy. Blooms Sept and Oct.

Tartarica. 2 to 3 feet high, free flowering. Blossoms large, of a lovely bluish color. Blooms in Oct.

Price 12c each; 10 for \$1.00 postpaid.

BLEEDING HEART. (Dicentra.)

One of the best old-fashioned garden plants. Fine for the border or margins of shrubbery. In early spring the plants bear beautiful heart shaped flowers of light red color. Each 15c; 10 for \$1.25 postpaid.

BOLTONIA ASTEROIDES.

Tall, bushy plants, producing an abundance of aster-like white flowers from August till September. Excellent for cut flowers and produces grand effects when planted in masses. The plants grow 3 to 4 feet high. Price, 15c each; 10 for \$1.25 postpaid.

CANTERBURY BELLS. (Campanula.)

An old time favorite, growing 2 to 3 feet high and bearing in great profusion very pretty bell-shaped flowers. Shades of blue, white and rose, mixed. Each 15c; 10 for \$1.25 postpaid.

CHRYSANTHEMUMS.

We offer an assortment of hardy Pompon varieties. They flower profusely in October, after everything else in the garden has been killed. They are excellent for cut-flowers and bouquets. Sure bloomers and satisfactory growers that should be included in all orders. See illustration page 46.

Large Flowering Yellow. Height 2½ feet. Very fine double flowers.

Dwarf White. Height 2 feet. Flowers large.

Tall White. Height 2½ to 3 feet. Fine double.

Price, each 12c; 10 for \$1.00 postpaid.

Large Flowering Pink. Height 2½ feet. A

splendid variety.

COREOPSIS.

One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting, in bloom from June until autumn; it succeeds everywhere. Height 1½ to 2 feet. See illustration on page 46. Each 10c; 10 for 90c postpaid.

DELPHINIUM. (Larkspur.)

The stately Delphiniums lend a classical dignity to the garden, and add the clear blue color so rarely found. They bloom from June to September.

Formosum. Showy plants. 2 to 3 feet tall. Flowers deep blue with violet spurs.

Chinensis. Stems slender, 2 to 3 feet high. Flowers single and double, varying from white to blue.

Price, each 15c; 10 for \$1.25 postpaid.

DIGITALIS or FOX GLOVE.

An old fashioned flower that should be planted in quantity. Succeeds under all conditions and furnishes a grand display during July and August. The flowers are very showy, thimble-shaped and borne close together on stalks from 3 to 4 feet high.

Gloxiniaeflora Alba. White. Fine for cutting.

Gloxiniaeflora Rosea. Rose colored; bright and showy.

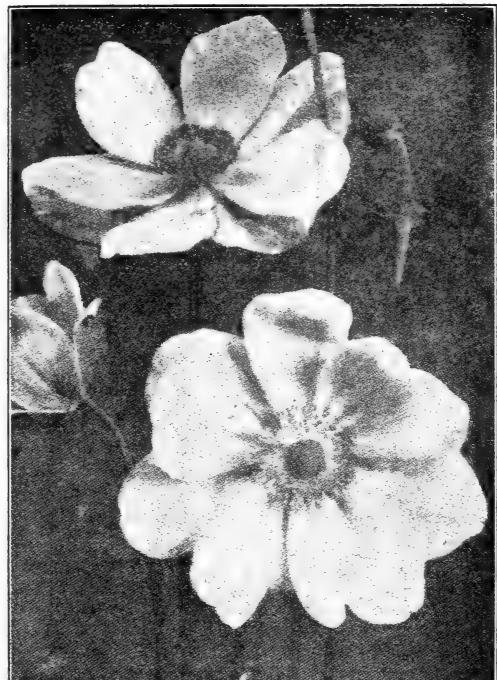
Price, each 15c; 10 for \$1.25 postpaid.

DIANTHUS. (Sweet William.)

These charming old fashioned hardy plants are great favorites in every garden. Stems grow 12 to 18 inches high. Flowers are borne in greatest profusion, in large round-topped clusters. In bloom from May to July. Each 15c; 10 for \$1.25 postpaid.

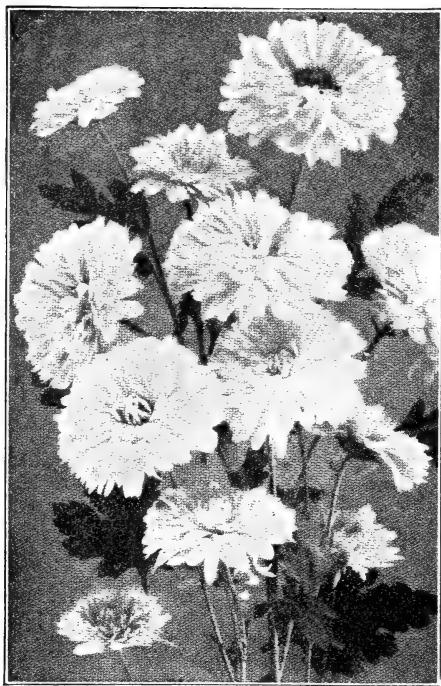


Hardy Aster.



Japanese Anemone. (Page 44.)

HERBACEOUS PERENNIAL PLANTS.—Continued.



Chrysanthemum. (Page 45.)

EULALIA. (Miscanthus.)

Beautiful hardy ornamental grass with handsome foliage and numerous feathery panicles 4 to 6 inches long. Will thrive in almost any kind of soil. The plant grows 3 to 5 feet tall. Each 15c; 10 for \$1.25 postpaid.

FUNKIA. (Day Lily.)

Lancifolia. Hardy plant with lily-like flowers, forming dense clumps of foliage. The leaf-blades are 4 to 6 inches long. Flowers pale lilac, nodding, borne in long loose racemes. Height 18 inches. Blooms in August. Each 15c; 10 for \$1.25 postpaid.

HIBISCUS. (Rose Mallow.)

Tall free-flowering hardy plants with remarkably large and showy flowers. They thrive in most loamy soils, producing throughout a long period numerous mammoth flowers, sometimes 6 to 8 inches across. Plants grow 3 to 5 feet tall.

Crimson Eye. Flowers very large, creamy white with crimson center.

Moscheutus. One of the finest. Extra large flowers, light rose with purple eye.

Large Flowering Pink with yellow eye.

Price, 20c each; 10 for \$1.75 postpaid.

HOLLYHOCKS.

They are indispensible plants for the garden or border. Flowers very showy and bright, produced in great abundance on long towering spikes. Height 6 to 8 feet. Blooming period June to August. We have the DOUBLE WHITE, DOUBLE DARK RED, DOUBLE PINK, DOUBLE MAROON, DOUBLE YELLOW.

Price, each 15c; 10 for \$1.25 postpaid.

LEMON LILY. (Hemerocallis Flava.)

A desirable and pretty plant, producing its large, fragrant, yellow flowers during July and August to the greatest profusion. Height 2 feet. Each 15c; 10 for \$1.25 postpaid.

LYCHNIS. (Lamp Flower, Ragged Robin.)

Chalcedonica. MALTESE CROSS. A charming old-fashioned flower with the petals arranged in form of a Maltese Cross. Stems tufted, 2 to 3 feet tall producing compact heads of brilliant scarlet flowers throughout the summer. Very free flowering and desirable. Each 15c; 10 for \$1.25 postpaid.

PHALARIS. (Ribbon Grass.)

A tall hardy Grass with variegated foliage and a common plant in old-fashioned gardens. It thrives in almost any kind of soil or exposure. Stems 3 to 5 feet tall, with graceful drooping foliage. Each 15c 10 for \$1.25 postpaid.

PLATYCODON. (Chinese Bellflower.)

An extra good, very hardy and free flowering plant, growing 1½ to 2 feet tall. Flowers a lovely shade of blue. In bloom from June until October. Each 15c; 10 for \$1.25 postpaid.

RUDBECKIA "GOLDEN GLOW".

A fine hardy plant that should find a place in every garden. It will be found excellent for cut flower purposes. The plant attains a height of 4 to 6 feet and will produce hundreds of large blossoms of brilliant, golden yellow color during August and September. Each 12c; 10 for \$1.00 postpaid.

RUDBECKIA. "Giant Purple Cone-flower."

Flowers about 4 inches across, of a peculiar reddish-purple, with a remarkably large, cone-shaped centre of brown; forms bushy plants 3 feet high; and blooms from July to October. Each 10c; 10 for 90c postpaid.

SALVIA. (Blue Sage.)

A rocky mountain species that grows 3 feet tall and produces pretty sky-blue flowers in late summer. Very hardy. Each 10c; 10 for 90c postpaid.

TRITOMA. (Flaming Torch.)

Plant grows from 3 to 4 feet high, the flower stalk measuring 12 to 15 inches long. They are a dazzling scarlet, lower half of flower tinged with rich orange. In northern states, roots should be taken up in the fall. In bloom, Aug. to Oct. Each 20c; 3 for 50c postpaid.



Coreopsis. (Page 45.)

HERBACEOUS PERENNIAL PLANTS.—Continued.

PAEONIES.

Few hardy perennials are so suited to any position in the garden or lawn as the Paeony. The gorgeous display of flowers is very effective, rivaling the rose in beauty. They are also well suited for massing in beds by themselves. A good, rich, deep soil and sunny position suits them best, but they will thrive in almost any soil. Our plants are all field grown, strong and well-rooted. We offer the following selected varieties:

Agida. Flowers large, glowing dark red; very double and fragrant. Blooms early. Each 30c; 10 for \$2.50. Postpaid 35c ea.

Andre Laurie. Velvety bright red, large, double and fragrant. Blooms late. Each 25c; 10 for \$2.00. Postpaid 30c each.

Congress. Beautifully formed, large double flowers of pure white color. Each 35c; 10 for \$3.00. Postpaid 40c each.

Delicatissima. Very large, bright pink flowers. Beautiful and fragrant. Each 30c; 10 for \$2.50. Postpaid 35c each.

Queen Victoria. Extra large, fine shaped, double flowers, white, pale-yellow center. Each 25c; 10 for \$2. Postpaid 30c ea.

Solfaterre. The large, handsome flowers are of a pleasing shade of sulphur-yellow. Each 50c. Postpaid 60c.

Victoria Modeste. Flowers large, full and double, with beautifully fringed petals. Color a soft shell-pink, with yellowish-white center. Each 35c; 10 for \$3.25. Postpaid 40c each.

Double Mixed Varieties. Large assortment. Each 15c; 10 for \$1.40. Postpaid 20c each; 6 for \$1.00.

SINGLE JAPANESE PAEONIES.

No other plant flowering at the same season can compare with the Single Paeonies for beauty. An established bed, in full bloom, with large, silky flowers, like immense single roses, is simply gorgeous. Each 20c; 10 for \$1.75. Postpaid 25c each.

HARDY PHLOXES.

The ease with which they are cultivated; their entire hardiness, and the extended season of blooming, combined with the varied and beautiful coloring, make them particularly valuable for garden planting. In bloom from June until late autumn. We offer a carefully selected collection.

Benzanson. Best fiery-scarlet variety.

Coquette. Flowers pure white, with reddish eye.

Edgar Quinet. A lovely shade of rose-red.

Lothair. Flesh color, with deep red eye.

Above Sorts, each 15c; 10 for \$1.30 postpaid.

Eclaireur. Large flowers, dark red, lighter towards center, white eye. Blooms early.

Pearl. Pure white. Blooms continuously.

Purple King. Deep purple. Rare and beautiful. **Last Three Sorts,** each 20c; 10 for \$1.70 postpaid.

GERMAN IRIS.

The true "Fleur-de-Lis," the national flower of France. They are perfectly hardy, thrive anywhere, grow and bloom luxuriantly, particularly if plentifully supplied with water. Plants well established produce from 50 to 100 spikes of bloom. In beauty the flowers rival the finest Orchids. We offer the following selected varieties:

Avenir. Flowers rosy-lilac.

Celeste. A soft shade of porcelain-blue.

Madam Chereau. Pure white, with lilac-blue veinings.

Plicata. Dark purple, lower petals lilac.

Above 4 Varieties, each 12c; 10 for \$1.00 postpaid.

Choice Mixed Varieties. Each 10c; 10 for 75c postpaid.

JAPANESE IRIS.

Flowers are extremely beautiful and quite distinct from all other varieties. The plants prefer a cool moist situation.

Agnes. Flowers pure white with margin of lilac-blue.

Blue Danube. A lovely shade of light blue.

Mahogany. Color a rich velvety purplish-brown.

Pyramide. Beautiful indigo-blue, shaded white.

Above Varieties, each 20c; 10 for \$1.75 postpaid.

Choice Mixed Varieties. Each 15c; 10 for \$1.30 postpaid.

HARDY GARDEN LILIES.

Single Tiger Lily. Perfectly hardy, easily grown. Lily with very large flowers of rich orange color, spotted with black. Each 12c; 10 for \$1.00 postpaid.

Double Tiger Lily. A double flowering form of the above. Exceedingly pretty. Each 15c; 10 for \$1.25 postpaid.

YUCCA FILAMENTOSA. Adams Needle.

Tropical looking plant with long narrow leaves; remains green the entire year. Grows in clumps and throws up a flower stalk from 3 to 4 feet high, from which hang from 100 to 300 creamy white bell-shaped flowers. It blooms a long time. A fine plant for the lawn or cemetery. Each 12c; 10 for \$1.00 postpaid.



Hardy Phlox.



Paeony "Victoria Modeste."

SUMMER BLOOMING BULBS



Dahlia "Catherine Duer."

Mixed Varieties. Each 15 cents; 3 for 40 cents postpaid.

SINGLE FLOWERED DAHLIAS.

Twentieth Century. One of the beautiful orchid flowering single varieties. Flowers of immense size, color intense rosy-crimson, with a white disk around center, and white tips. Each 25c; 3 for 65c.

CANNAS.

The grandest of all bedding plants. Of quick growth and tropical appearance. Throughout the summer they present a mass of gorgeous colors until withered by frost in Fall.

A. Bouvier. Height 5 ft. Orchid flowered; brilliant crimson; foliage green. Each 15c; 10 for \$1.25 postpaid.

Burbank. Height 5 feet. Large orchid-like flowers. Color a beautiful, rich, canary yellow, with crimson spots toward the center. Foliage green. Each 15c; 10 for \$1.30 postpaid.

Charles Henderson. Height 4 ft. Flowers rich crimson. Foliage green. Blooms very freely. Each 10c; 10 for 90c postpaid.

Crimson Bedder. Height 3 ft. Orchid flowered, a fiery dark red. Foliage green. Each 15c; 10 for \$1.30 postpaid.

Madame Crozy. Height 3½ ft. The popular bright scarlet with golden edge. Foliage green. Each 10c; 10 for 90c postpaid.

Robert Christy. Height 4 ft. Flowers large, orange-red. Foliage green. Each 15c; 10 for \$1.30 postpaid.

Bronze. Height 6 ft. Leaves bronze colored, flowers red, rather small. Each 10c; 10 for 90c postpaid.

No. 1 Collection for Canna Bed. Round, 7 feet diameter. 2 Burbank (center); 6 Burbank (next row); 12 Crimson Bedder (outside row). The 20 plants will make a fine bed. Price \$1.85. Postpaid \$2.10.

No. 2 Collection for Canna Bed. Round, 10 feet diameter. 5 Bronze (center); 13 A. Bouvier (next row); 19 Madame Crozy (outer row). These 37 plants will make a large showy bed. Price \$3.25. Post'd \$3.75.

Bulbs for spring planting require scarcely any care, and quickly make a gorgeous display while the bulbs can be kept over winter and year after year will return a hundred fold in beauty and satisfaction the trifling expense of the original cost.

DAHLIAS.

These showy and pretty flowers are becoming very popular and justly so. The dahlia is one of the showiest of all Fall flowers, commencing to bloom in July, and continuing until frost.

Catherine Duer. Decorative Dahlia. Large double flowers of fiery-red color. Each 20c; 3 for 50c postpaid.

Bronze Beauty. Decorative Dahlia. Beautiful, double flowers, bright coppery orange. Each 20c; 3 for 50c postpaid.

Mrs. Winters. Decorative Dahlia. Large, elegant shaped flowers of snow white color. Each 20c; 3 for 50c postpaid.

Arabella. Show Dahlia. Lovely, ball-shaped flowers; a very pleasing, light shade of sulphur yellow, pink edges. Each 20c; 3 for 50c postpaid.

Grand Duke Alexis. Quilled Dahlia. A very unique variety. Flowers are extra large and of most beautiful form, the petals being rolled up, so as to overlap each other. Color pure ivory white, tinged with delicate pink at center. Each 25c; 3 for 65c.

CACTUS DAHLIAS.

Undoubtedly the finest of all Dahlias. The large flowers are of beautiful cactus form with twisted petals, giving great depth to the flowers. Plants are very vigorous, of branching habit, producing shapely flowers in great abundance.

Kriemhilde. The finest of all Dahlias. Flowers large, outer edge brilliant pink, shading to white. Each 25c; 3 for 65c.

General Buller. Velvety cardinal-red with crimson shadings. Very pretty. Each 20c; 3 for 50c.

Jealousy. Beautiful flowers of deep, clear yellow color. A fine Dahlia. Each 15c; 3 for 40c.



Canna.

SUMMER BLOOMING BULBS.—Continued.

GLADIOLUS.

The Gladiolus is the most attractive of all summer-flowering bulbs and deserves a place in every garden, as it is sure to flower and do well with little care. Flowers are of almost every desirable color. By cutting the spikes when two or three of the lower flowers are open and placing them in water, the entire spike will open beautifully. Plant bulbs in April or May for early, and late in June for Fall blooming.

America. A grand new variety and conceded to be the finest of all. Color a beautiful soft pink; flowers very large. Each 15c; 10 for \$1.40 postpaid.

Principes. The \$1000 Gladiolus. Immense wide open, amaryllis-like flowers, of a rich dazzling scarlet, white on lower petals. Each 15c; 10 for \$1.25.

Augusta. A lovely white variety. Good bloomer. Each 5c; 10 for 40c.

C. L. Allen. Large, pale yellow with brown center. Each 7c; 10 for 60c.

Orflame. Deep maroon-red. The darkest Gladiolus. Each 6c; 10 for 50c.

Child's Mammoth. An extra large flowering strain. FINEST MIXED, large bulbs, each 5c; 10 for 40c.

Groff's Hybrids. This magnificent strain has a world wide reputation. EXTRA MIXED. Each 4c; 10 for 35c.

Best Mixed. Many varieties and colors. No. 1 bulbs. 10 for 25c; 50 for \$1.00; 100 for \$1.75. Postpaid 10 for 30c; 25 for 65c.

Mixture of No. 2 Bulbs. All bulbs of blooming size. 10 for 15c; 50 for 65c; 100 for \$1.00. Postpaid 10 for 20c; 50 for 75c.

AMARYLLIS FORMOSISSIMA.

Jacobean Lily. Splendid showy plants, suitable for garden and house culture. The large, lily-like flowers are of a rich deep velvety, crimson color. It is a free bloomer and of easiest culture. Each 12c; 10 for \$1.00 postpaid.

CALADIUM.

Elephant's Ear. A splendid, tropical appearing plant, growing 4 to 5 feet high. Very showy leaves, often growing three feet long. Of easy culture. They are used to a great extent for large beds, together with Cannas; also as single specimens or as groups on the lawn.

Extra Large Size Bulbs. Each 20c; 3 for 50c. Postpaid 30c each.

Large Size Bulbs. Each 12c; 3 for 30c; 10 for 95c. Post'd 20c ea.

Medium Size Bulbs. Each 8c; 3 for 20c; 10 for 50c. Post'd 13c ea.

CALLA, CANARY BIRD.

A new hybrid Calla Lily with beautiful flowers of light yellow color; foliage green, spotted white. A free grower and abundant bloomer. Fine for bedding and house culture. Each 20c; 3 for 50c post'd.

CALLA, SPOTTED LEAF.

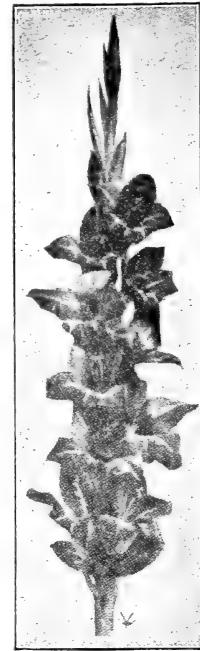
Flowers pure white; leaves dark green, beautifully spotted with white. A fine ornamental plant. For garden and house culture. Each 10c; 10 for 75c postpaid.



Caladium.



Zephyranthes.



Gladiolus.

MONTBRETIA.

A showy summer-flowering plant producing many handsome, star shaped blossoms of orange red color. Hardy and improves year after year if left in the ground undisturbed. 3 for 10c; per dozen 35c postpaid.

SUMMER HYACINTH.

(*Hyacinthus Candicans*.) The flower stems grow 3 to 4 feet high and are loaded with pretty, drooping, bellshaped flowers of ivory white. Will grow well in dry soils. Each 5c; dozen 50c postpaid.

TIGRIDIA.

(Peacock or Shell Flower.)

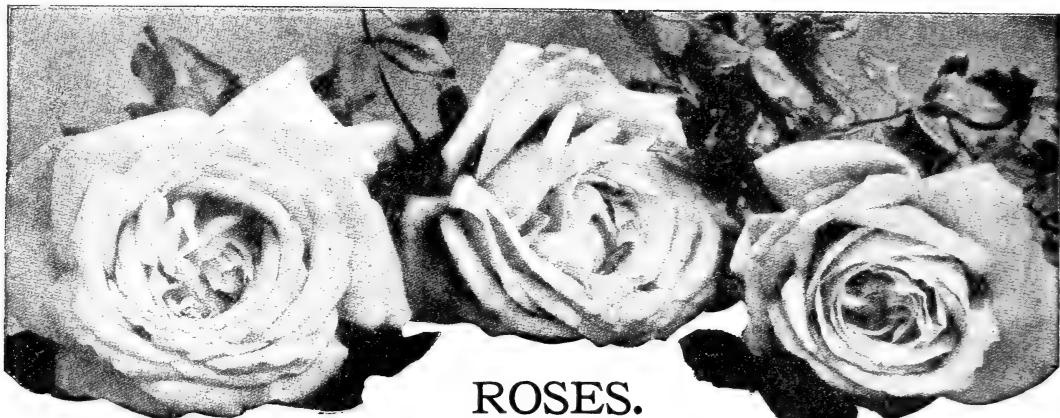
These gorgeous flowers look well associated with Gladioli, Lilies and kindred stock; grow about 1½ feet high, and flower freely throughout the summer. Flowers come in shades of red, yellow, white and are spotted. They require the same treatment as Gladioli. Each 5c; per dozen 50c postpaid.

TUBEROSES.

Excelsior Pearl. The Tuberose is justly a universal favorite and very easily grown. This variety is characterized by its short robust stem and long spikes of large flowers which are perfectly double and twice the size of the common Tuberose, while of equal delicious fragrance. Spikes frequently bear 30 to 50 flowers, remaining in bloom for a long time. They are always wax-like, pure white. Large bulbs, each 5c; per dozen 40c postpaid.

ZEPHYRANTHES. Fairy Lily or Zephyr Flower.

One of the prettiest and most easily grown bulbs; very effective for masses or borders, flowering profusely all summer. Also suitable for pot culture. Put 6 bulbs in a 6 inch pot in fall and you can have a fine display during the winter. The plants grow about 8 inches high. Flowers large, beautiful clear rose. Each 5c; 10 for 45c postpaid.



ROSES.

The Rose, the Queen of the Flowers, is justly one of the most popular. Few plants give better satisfaction to the lover of beautiful flowers, when properly treated. To obtain the most satisfactory results, roses should be planted in well drained, rich, deep loamy soil, and given a location where they will have sunlight and a circulation of air. For winter protection an application of composite or rotten manure should be given them in the late autumn, and spaded into the ground the following spring.

Roses should be pruned in March and about the last of June. Always cut the old canes close to the ground. When roses are attacked by insects, there is no better remedy for in or outdoor roses than to spray them with **Sulpho Tobacco Soap**. See page 112. All our roses are 2 year old, field grown plants, about 2 to 3 feet high and well rooted. We have no small greenhouse grown stock.

HARDY EVERBLOOMING HYBRID TEA ROSES.

The varieties we give below are all free bloomers and excellent for cutting purposes. While they are hardy and will withstand ordinary freezing weather, we advise a protection of straw or litter of any light character during the winter. These roses are suitable for garden and house culture. In our nursery, in the open field, the Kaiserin, Gruss an Teplitz and Maman Cochet withstood our hot dry summer extremely well and bloomed profusely all through the summer and early fall.

Duchess of Albany. Exceedingly free blooming. The well shaped flowers are of a rosy-pink color and of sweet fragrance. A rapid, healthy grower and hardy. Each 25c; 10 for \$2.25. Postpaid 30c.

Etoile de Lyon. A very free blooming and excellent bedding rose. Flowers large and full, of golden yellow color, and fragrant. Each 30c; 10 for \$2.75. Postpaid 35c.

Gruss an Teplitz. One of the brightest colored roses grown. When first opened it is a dark, rich crimson, quickly changing to bright scarlet. Blooms continually; flowers good size and delightfully fragrant. It is the rose for everybody, succeeding everywhere. Each 25c; 10 for \$2.25. Postpaid 30c ea.

Kaiserin Augusta Victoria. The finest white everblooming hardy garden rose. Soft pearly white, lightly tinted with lemon in the center, just enough to relieve the white. Remarkably fragrant, buds and open flowers of elegant form. The plant is a strong grower, blooms freely, and the flowers are carried on long stiff stems. Best roses for garden and house. Each 30c; 10 for \$2.75. Postpaid 35c each.

Killarney. This beautiful new rose is unquestionably the finest pink, hardy ever-blooming tea rose introduced. Blooms large, full and of an exquisite shade of bright shell pink. Fragrant and handsome. The bush is strong and upright, with beautiful deep bronze-green foliage; very free blooming, bearing large long-pointed buds and massive flowers. See illustration on page 51. Each 35c; 10 for \$3.25. Postpaid 40c each.

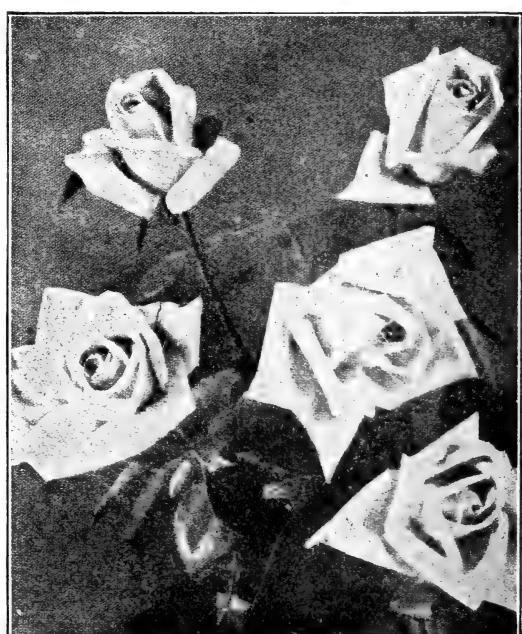
La France. Beautiful form in bud and in full bloom. Very large, full and globular; a constant bloomer. Color pink or silvery rose. Exceedingly fragrant, hardy. Ea. 30c; 10 for \$2.75. Post'd 35c ea.

White La France. Identical with La France except color. It is pearly white, sometimes tinted fawn. The plant is a strong grower and free bloomer. Each 30c; 10 for \$2.75; postpaid 35c.

Maman Cochet. The best pink garden rose. In the open ground it quickly makes a strong bush, producing on long stiff stems, in wonderful profusion, flowers that are perfect. The buds are beautiful, large, full and firm, elegantly pointed, while the open flowers are extra large, and perfectly double. The color is clear rich pink, changing to silvery rose. Blooms all the time. Each 30c; 10 for \$2.75. Postpaid 35c each.

Meteor. Rich velvety crimson, with wonderfully bright high-lights; flowers large and very double. Both buds and flowers are large and elegantly formed. Splendid for cutting on account of the long stems. Vigorous and healthy; a constant bloomer; highly recommended for bedding as well as for growing in pots and conservatories.

Each 25c; 10 for \$2.25. Postpaid 30c each.



Kaiserin Augusta Victoria.

HARDY HYBRID PERPETUAL ROSES.

These hardy roses combine hardiness, vigor of growth and size of flower with great variety. They are very popular and the most useful of all roses. While called "Perpetuals," they are not such constant bloomers as the Everblooming Tea Roses. Particularly valuable for beds or borders in the northern and middle states. If you like roses set out a row or two of these and you will be well repaid. Plants should be set 15 to 20 in. apart. We furnish field grown, 2 year old, well rooted plants.

Snow Queen. (Frau Karl Dru-schki.) The finest snow white hardy hybrid perpetual rose. Pure white, large, long pointed buds of first-class form. The open flowers are very large, perfectly double and delightfully fragrant, petals shell-shaped. A continuous, free bloomer. At last we have in this class a rose of purest snow white, whose desirability and value we could not possibly overstate. This is, in our opinion, the greatest new rose that has been introduced in many a year, if it is not to-day the greatest of all roses. Certainly no other white rose can begin to compare with it. An exceedingly strong grower and very hardy. Extra nice 2 year old plants, each 30c; 10 for \$2.75. Postpaid 35c each.

Soleil d'Or. (Golden Sun.) Yellow is the one desirable color that has been lacking in hardy roses. This new rose is the result of a cross between Persian Yellow and Antoine Ducher. It is a fine, strong grower, producing superb, conical shaped buds varying from gold and orange-yellow to reddish-gold, shaded with nasturtium-red. The flower is very full, large and globular, the petals in the center being well incurved. It is a robust, vigorous grower, with brownish wood and beautiful bright green foliage. Should have a place in every garden. This rose must be trimmed less severely than other varieties of this class. Each 35c; 10 for \$3.00. Postpaid 40c each.

American Beauty. This rose has become as famous as the Marechal Niel. It is a hardy rose of the largest size, having the everblooming qualities of the tea rose, with the delicious odor of the damask or moss rose. It is the sweetest of all roses. In color it is a deep brilliant red, shading to a rich carmine-crimson. It is entirely hardy, and is a valuable rose for the garden or indoor culture, flowering freely during the winter. Each 35c; 10 for \$3.00. Postpaid 40c each.

Clio. A rose of perfect form, with broad, thick petals, high, full center; beautiful from pointed bud to fully opened flower. The color is a delicate satiny blush, with slightly deeper center. The plant is strong and blooms freely, displaying its great flowers boldly on good stems against large, rich leaves. Each 25c; 10 for \$2.25. Postpaid 30c.

Coquette des Blanches. A fine formed white rose, with shell-shaped petals evenly and daintily arranged. Of free growth and bloom, with fine dark leaves and almost thornless stems. Newly expanded flowers are sometimes tinted with blush. Each 25c; 10 for \$2.25. Postpaid 30c.

General Jacqueminot. A rich, velvety-crimson, changing to scarlet-crimson. This is the best known of all hybrid perpetuals, and is without a rival in fragrance and richness of color. As easy of cultivation as many of the more common varieties and perfectly hardy. Does well everywhere and blooms freely. Also adapted for growing in the house. Each 25c; 10 for \$2.25. Postpaid 30c each.

Paul Neyron. The largest rose in cultivation, sometimes called the Paeony Rose. Color bright, fresh cerise-red. Flowers are very double and full, delightfully fragrant. The plant makes a strong, healthy growth, and has clear, glossy foliage. Blooms almost without intermission from June until late October. Each 25c; 10 for \$2.25. Postpaid 30c.

Prince Camille de Rohan. Deep velvety crimson-maroon, large moderately full. One of the darkest in cultivation, and a splendid rose. A good bloomer and very hardy. Each 25c; 10 for \$2.25. Postpaid 30c.

Ulrich Brunner. A superb rose; a seedling from Paul Neyron. Extra large, bold flowers; full and globular; petals large and of good substance. Color rich, glowing cherry, elegantly lightened with scarlet. Very fragrant. The plant is of vigorous, healthy growth and blooms freely. One of the best and finest hardy roses for the garden. Each 25c; 10 for \$2.25. Postpaid 30c.



Killarney.
(Page 50.)



General Jacqueminot.

SUMMER ROSES.

Also called Austrian Roses.

The roses of this specie are summer or spring bloomers, but they flower so profusely and their rich coloring is so intense that they deserve a place in all collections. These roses bear on the terminals of a preceding year's growth, and pruning must be done just after blossoming.

Madame Plantier. Flowers pure white, large; full and double; produced in great abundance early in the season, hardy. Suitable for cemetery planting. Each 20c; 10 for \$1.75. Postpaid, 25c each.

Persian Yellow. The hardy yellow rose of our mother's garden. Perfectly hardy. Flowers semi-double, golden yellow color. Each 25c; 10 for \$2.25. Postpaid 30c.

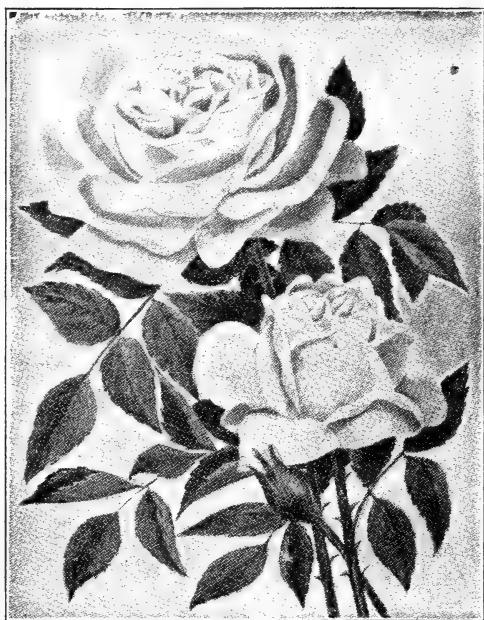
MOSS ROSES.

Admired for the beautiful moss covering of the buds. The moss rose is strong and vigorous, perfectly hardy, and very desirable for outdoor culture. Most varieties bloom but once in the season, but the flowers and buds are very large and handsome, remain in bloom a long time, and are highly prized.

Glory of Mosses. Large flowers, of a pleasing, rosy-red color. Each 25c; 10 for \$2.25. Postpaid 30c.

Henry Martin. Flowers bright red. Fragrant and very mossy. Each 25c; 10 for \$2.25. Postpaid 30c.

White Moss. Pure White flowers. Each 25c; 10 for \$2.25. Postpaid 30c.



Soleil d'Or. (Golden Sun.) Page 51.

TREE ROSES.

These are grafted on hardy rose stalks 4 to 5 feet high, are tree shaped, and when in full bloom are fine objects of beauty, making handsome plants for the lawn, or as border plants along the sidewalk or driveway. They are coming into popular favor, and at the low price we are offering them this year everyone can set out a few of these pretty tree roses in his yard or on the lawn. **TREE ROSES CANNOT BE SENT BY MAIL.**

Crimson Rambler Tree Roses. No other rose is so well adapted for growing in tree form. The branches droop gracefully and reach nearly down to the ground, thus forming a regular weeping tree. Each 80c; 10 for \$7.50.

Hybrid Perpetual Tree Roses. These hardy and free blooming roses we have in colors: RED, PINK and WHITE. Price, 80c each; 10 for \$7.50.

Yellow Hybrid Perpetual Tree Roses. We offer a limited quantity of these beautiful roses, true to color. Each \$1.00; 10 for \$9.00.

Baby Rambler Tree Roses. Blooms continuously. Price, 80c ea.; 10 for \$7.50.



Baby Rambler.



Tree Rose.

Everblooming Monthly Tree Roses. We can furnish the following colors: RED, PINK and WHITE. Price, \$1.00 each; 10 for \$9.00.

BABY RAMBLER ROSE.**MADAME N. LEVAVASSEUR.**

This great rose originated in France, and is a cross between the Crimson Rambler and Glorie des Polyanthus. It preserves the prolific flowering qualities of the latter, but with the clear, brilliant color of the Crimson Rambler. The bush is very vigorous, absolutely hardy. Reaches the height of 24 inches. The foliage is of fine, polished dark green, and is never attacked by insects or fungus. It blooms in clusters from June until the first hard frost. It is a true perpetual bloomer, and for planting in solid beds or for edging, it is unequalled. It also is one of the very best roses for the house, to bloom at Christmas or Easter. It blooms every day in the year in the house. Will thrive in almost any soil and bloom well. Price, 25c each; 10 for \$2.25. Postpaid 30c ea.

RUGOSA OR JAPANESE ROSES.

Rugosa Rubra. Plant grows 4 to 5 feet high and is very ornamental with its beautiful, large, glossy foliage, distinctly wrinkled. Blooms all season. Flowers single; very large, of a most beautiful bright rosy crimson, succeeded by large berries of a rich red color. Makes a beautiful low hedge. Price 20c each; 10 for \$1.75. Postpaid 25c each.

HARDY CLIMBING ROSES.

As an ornamental plant for covering porches, side walls, pillars, fences, etc., they are unequalled, calling forth more admiration than anything else that can be similarly used. They require but little care and are very hardy. Our plants are all field grown, hardy, 2 year old stock, $2\frac{1}{2}$ to 3 feet high.

Thousand Beauties. (Tausendschoen.) The finest climbing rose ever introduced. See illustration on front cover, description and price on page 4.

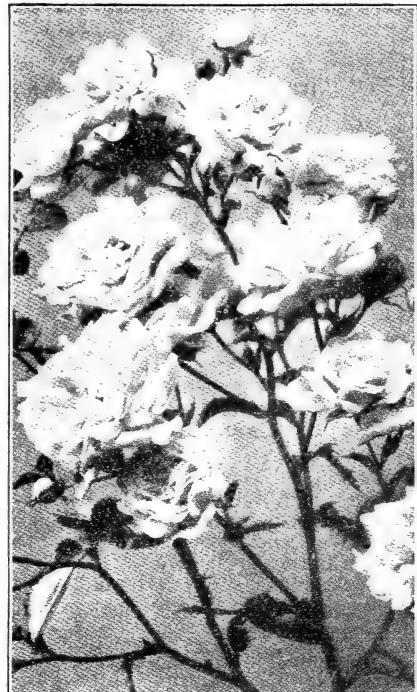
Baltimore Belle. Flowers pale blush, nearly white, double, in large clusters. Blooms very freely. Plant is a strong grower and hardy. Each 20c; 10 for \$1.75. Postpaid 25c each.

Empress of China. This splendid rose will continue in bloom longer than any other climbing rose. When it first opens the flowers are a beautiful red, but soon turn to a lovely light pink, and it blooms so profusely as to almost hide the plant. Each 20c; 10 for \$1.75. Postpaid 25c.

Marechal Niel. Flowers deep golden yellow, extra large and of fine form. Is conceded to be the finest yellow rose. Vigorous grower and free bloomer, often making shoots 20 to 30 feet high in a single season. The flowers remain in good condition for a long time after cutting. Not hardy in the North. Each 30c; 10 for \$2.75. Postpaid 35c.

Prairie Queen. An old standby variety and very popular. Flowers bright red, globular, large and compact. Very strong grower. 25c each; 10 for \$2.25. Postpaid 30c.

Seven Sisters. (Grevillea.) White and crimson, making it unique, as both white and crimson flowers may be seen on the plant at the same time. Blooms in large clusters. Each 25c; 10 for \$2.25. Postpaid 30c.



Dorothy Perkins.

RAMBLER ROSES.

No class of roses has come into popular favor so rapidly as these. Of hardy, sturdy nature, a vigorous and quick grower, producing the lovely flowers in truly wonderful profusion. The flowers are borne in immense clusters, each one forming a nice bouquet in itself. Hardy everywhere.

Crimson Rambler. It is a vigorous grower, making shoots 10 to 20 feet high in a single season. Flowers glowing crimson and produced in immense panicles, covering the plant from top to bottom. Ea. 25c; 10 for \$2.25. Postp'd 30c.

Yellow Rambler. (Aglaia.) It is related to the crimson Rambler and, like it, blooms in large trusses. Flowers perfectly double, very fragrant and of light yellow color. Each 25c; 10 for \$2.25. Postpaid 30c.

White Rambler. (Thalia.) Closely resembling the crimson Rambler in vine and foliage. The flowers are pure white, fragrant, and remains on the plant a long time. Each 25c; 10 for \$2.25. Postpaid 30c.

Dorothy Perkins. In general habit closely resembling Crimson Rambler, but of a beautiful shell-pink, full and double, of an unusually large size for a Cluster Rose. The trusses are made up from twenty to forty flowers. Each 25c; 10 for \$2.25. Postpaid 30c.

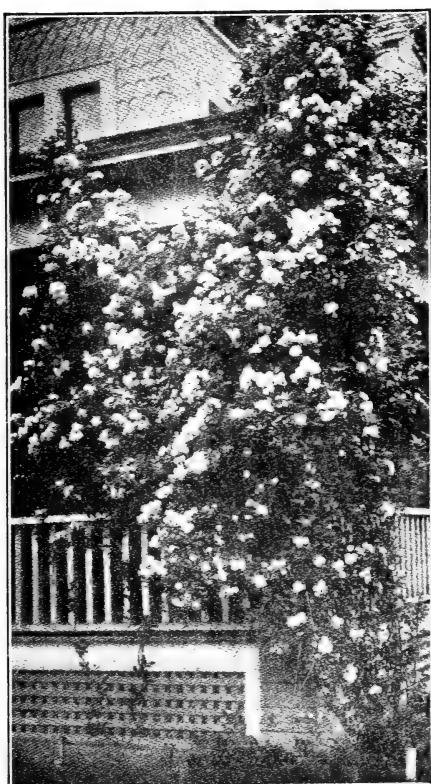
EVERGREEN MEMORIAL ROSES.

Wichuriana. (White Memorial.) The plant clings closely to the ground, rapidly branching and covering any surface. The flowers appear in July and continue through the season, forming showy clusters of pure white blossoms. Single and of sweet fragrance. Entirely hardy everywhere. Used extensively in cemeteries, rock work, etc. Each 20c; 10 for \$1.75. Postpaid 25c each.

ENGLISH SWEET BRIAR ROSES.

Eglantine Rose. A stout, dense growing bush with glossy foliage which is very fragrant. The flowers are rather small, of lovely pink color and exceedingly fragrant. Showy orange colored fruits in fall. Hardy everywhere and excellent for hedges. Price for 2 year old plants 20c each; 10 for \$1.75. Postpaid 25c each.

Price for 1 year old, strong plants, suitable for hedge, 10 for \$1.00; 100 for \$8.00. Postpaid 15c each.



Crimson Rambler.

SEED DEPARTMENT.

On the following pages we list the standard varieties and newer sorts of merit in **Vegetable, Flower and Farm Seeds**. Every variety listed is reliable and has our recommendation.

This department is under the personal management of our Mr. Arthur H. Luck, who is well known as one of the leading seed experts of the West, having had twenty years experience in the seed business. All orders entrusted to us will be conscientiously and promptly filled and dispatched.

Our seeds are grown not on a basis of cheapness but of quality, yet we aim to quote every item at reasonable prices, being satisfied with a small percentage of profit. It takes great care, costs much time and money to produce our **selected stock of seeds** and such seeds cannot be sold cheaply. We do not handle cheap seeds.

This catalog is intended to appeal to those seed buyers who want first class stock at the lowest prices consistent with such stock, buyers who can appreciate honest descriptions and illustrations, and who expect to receive seeds just as represented.

Owing to the unfavorable growing season the past year, there were decided shortages in crops and therefore prices rule somewhat higher. We advise our customers to order early as some items will not be procurable at any price later in season.

Market Gardeners trade is especially invited, we can please you and all we ask is to give us a trial. Special Wholesale Price List for Market Gardeners is sent free to all who buy bulk seeds in large quantities.

When to Order. We will be prepared to fill seed orders when this catalogue reaches you, and we would be greatly obliged to our customers if they would order early, to avoid the rush which always comes late in the spring. Send in your combined orders of trees, seeds and plants, and we will send seeds at once and trees and plants when time for planting comes in your locality. You will find two places on the order sheet in our catalogue, one for trees and plants, and one for seeds. You will help us very much and there will be less delay in filling orders, if you will use the spaces as indicated.

Remittances can best be made by P. O. Money Order, Express Money Order, or Bank Draft, and full amount should be sent with each order to avoid delays in shipping.

Our Responsibilities. All those who have never dealt with us we refer to "Union State Bank" or "Beatrice National Bank." We have been in business for the past 22 years and fulfill all our promises.

Postpaid by Mail. We deliver free by mail or express any seeds offered in this catalogue "By Mail Postpaid."

Seeds by Express or Freight means that we deliver them to Express or Railroads here, and the purchaser pays all transportation charges on receipt of goods. We send \$1.00 orders of trees or plants freight prepaid, but cannot do so on seeds, except in packages, ounces and pounds, at mailing price.

Special Discount on Seeds in Packages. For every \$1.00 remitted for seeds in packages and ounces, you can order 25c worth of Packages extra, thus: For \$1.00 sent, order \$1.25 worth. For \$2.00 sent, order \$2.50 worth and so on. Remember this applies to seeds in packages and ounces only. All collections are excluded from this special discount. On orders for less than \$1.00 we give six 5c packages for 25c, or twelve 5c packages for 50c.

Our Guarantee on seeds is the same as on trees and plants; see page 1.

Foreign Orders. To our customers in Australia, New Zealand, Mexico and other countries, we will ship Vegetable and Flower seeds in packages and on packages, ounce and pounds, at mailing prices, provided the order amounts to \$1.00 or more.

NOVELTIES AND SPECIALTIES ARE LISTED ON PINK PAGES IN FRONT OF CATALOGUE.

\$1.00	COLLECTION OF BEST VEGETABLES	\$1.00
35 VARIETIES, ALL GOOD RELIABLE SORTS.		

This collection consists of one full sized package each of the following kinds: Early Yellow 6 Weeks Bean, Kentucky Wonder Pole Bean, Blood Turnip Beet, Snowball Cauliflower, Jersey Wakefield Cabbage, Surehead Cabbage, Scarlet Horn Carrot, Golden Dwarf Celery, Early Minnesota Sweet Corn, Boston Pickle Cucumber, Green Curled Endive, Large London Leek, Early Curled Lettuce, Hanson Head Lettuce, Emerald Gem Musk Melon, Cole's Early Water Melon, Kolbs Gem Water Melon, Danver's Yellow Flat Onion, Red Weathersfield Onion, Moss Curled Parsley, Notts' Excelsior Peas, Early Scarlet Turnip Radish, Cincinnati Market Radish, Guernsey Parsnip, Ruby King Pepper, Large Cheese Pumpkin, Long Standing Spinach, Summer Crookneck Squash, Mammoth Salsify, Early Beauty Tomato, New Globe Tomato, White Flat Dutch Turnip, Yellow Rutabaga, Dwarf German Kale, Mixed Herbs.

These 35 packages will be sent by mail to any address in the U. S.

for only \$1.00. Regular price would be \$1.85.

Notice. These collections are put up before the rush of the season and we cannot make any changes.

Wybark, Okla., May 17th, 1909.

The seeds received from you this spring have proven to be the best seeds that ever came to this section of the country. People here tell me every seed they planted came up. I myself never had better seed. Everybody is amazed at my cabbage crop.

E. V. Jones.

Kenton, O., July 26th, 1909.

I can not help but praise your seeds. Every single kernel came up. We had the finest and best Peas and Beets we ever had, also the best Early Cabbage, the heads being hard as a stone. Everyone remarks about our fine vegetables raised from your seeds.

F. W. Wissenbach.

VEGETABLE SEEDS.

Every effort possible is used in the selection of our seeds, and we feel justified in saying that all our seeds are the **purest** and best to be had. The packages are, we believe, better filled than most seeds-men send out, while our prices are as low as those of any other reliable firm.

Novelties and Specialties are Described on Colored Sheets.

ARTICHOKE.

Large Green Globe. The well known French vegetable. The undeveloped flowerheads when properly prepared make a most delicious dish. Buds large, nearly round; scales green, very thick and fleshy. Package 5c; ounce 30c; $\frac{1}{2}$ lb. \$1.00 postpaid.

ASPARAGUS.

In early spring sow the seed, after soaking it 24 hours in warm water, in drills one foot apart, and one inch deep. During the summer keep the soil mellow and free from weeds, thinning the plants to 4 inches apart. The following spring transplant into permanent beds that have been deeply dug and highly manured. 1 oz. of seed to 50 feet drill; 5 pounds to the acre.

Early Giant Argenteuil. The earliest large green sort. Best for gardeners. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.00 postpaid.

Conover's Colossal. A mammoth green sort of the best quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c postpaid.

Palmetto. An early green sort, prolific and very desirable. Is fast becoming the favorite everywhere. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 70c.

Columbian Mammoth White. This variety is in great demand because it furnishes white shoots. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 75c.

Asparagus Roots. See page 30.

BORECOLE OR KALE.

The best plant for furnishing "greens." The greens are for fall, winter and spring use. Sow seed about the middle of June and later transplant to rows $2\frac{1}{2}$ to 3 feet apart. The dwarf sorts may be sown later. Frost improves the quality. 1 ounce will produce 2500 plants.

Dwarf Green German. Is hardier than Cabbage, the leaves are as curly as Parsley, are very tender and of finest flavor. Immense quantities of this are grown in the South and shipped to northern markets. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; 1 lb. 85c postpaid.

Dwarf Purple German. A variety of the preceding, and identical with it, except in color, which is a beautiful deep purple. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00 postpaid.

Tall Green Curled Scotch. This is one of the most popular varieties. It is very hardy, and is much improved by frost. Grows two feet high. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; 1 lb. 85c postpaid.

BROCCOLI.

Sow seed in central west early in May, transplant in June. Growth and habit like Cauliflower, but far more hardy. Of special value in the North. One ounce will produce 2500 plants.

Large White. Produces large, white heads. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00 postpaid.

BRUSSELS SPROUTS.

This one of the best vegetables for winter use, producing an abundance of sprouts, resembling small cabbages; of excellent, mild flavor. By sowing in April and planting out in July, it may be had in fine condition until December, and in the southern states may be had from November to March. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50 postpaid.

ENDIVE.

Ready for table in 45 to 50 days from seed. 1 oz. to 100 feet of drill. One of the best autumn and winter salads. Sow from June until Aug. $\frac{1}{2}$ inch deep in drills 14 inches apart and thin out to 1 foot apart in rows. When nearly full grown bleach by tying the tips of the leaves together.

Green Curled. Large and well adapted to this soil and climate. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c postpaid.

Broad Leaved Batavian. A large summer variety, productive; one of the best. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c post'd.

Giant Fringed Winter. Best for late planting; leaves large, very curly, of fine flavor. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.



Dwarf German Kale.



Brussels Sprouts.



Winter Endive.



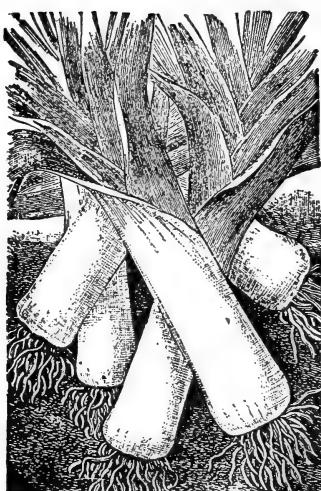
Corn Salad.



Curled Cress.



Kohlrabi.



Leek.

COLLARDS.

Georgia Mammoth. A form of cabbage extensively grown in the south for greens. They form large open heads. Slightly freezing improves the quality. Give the same cultivation as cabbage. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

CORN SALAD OR FETTICUS.

This small salad is used during the winter and spring months as a substitute for lettuce and is cooked and used like spinach. Sow seed in shallow drills one foot apart, during August and September or early in the spring. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

CRESS OR PEPPER GRASS.

Cress should be sown in a sheltered spot in shallow drills. Sow seed thickly. In a month the plants will be ready to use. For continued use sow every few weeks.

Curled Garden. Much used with lettuce, to the flavor of which its warm pungent taste makes a most agreeable addition. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c postpaid.

Upland. Has the highly prized flavor of water cress. It is so hardy as to be green nearly the whole year and is ready for use before any other salad in spring. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

Erfurt Water Cress. The pleasant and peculiar flavor of the water cress causes it to be highly esteemed for table use. Will grow along margins of streams, creeks and ponds. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

EGG PLANT.

Sow early in hotbed or house, plant out in June; is a very tender plant. One ounce will produce 1000 plants.

New York Improved Large Purple. This variety has about superseded all others both for market and home gardens. It is practically spineless, which is a great advantage. Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.20.

Black Giant Spineless. Fruit large, jet black, of attractive appearance and entirely spineless. To be recommended for market and home use. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

White Pearl. Best white variety. Fruit round, very tender and of excellent quality. Ripens early and is very productive. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 90c.

KOHLRABI.

Cultivate like cabbage and cook like turnips. In quality and taste far superior to turnips. If you have never grown this excellent vegetable, try some this year; you will be pleased. One ounce will produce 3000 plants and cover 200 feet drill.

New White Delicious. Undoubtedly the finest market sort. Flesh white, tender and of delicate flavor. Ripens very early; foliage erect, short leaves. Hardier than any other variety. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 90c postpaid.

Early White Vienna. The finest market sort. Flesh white, tender and of delicate flavor. It is a much better tasting vegetable than turnips. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.85 postpaid.

Early Purple Vienna. Bluish purple; similar to the above except in color. Flesh white. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; lb. \$1.85 postpaid.

GERMAN CELERY OR CELERIAC.

This popular German vegetable is worthy of more extended use. Keeps well all winter. It is much used in salads, and boiled like parsnips or turnips, it is a great favorite with lovers of Celery.

Celeriac or Turnip Rooted Celery. Grown exclusively for its very tender marrow like roots. The roots are cooked and sliced, used with vinegar they make an excellent salad. They are also used for seasoning meats and to flavor soups. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c postpaid.

Apple Shaped Celeriac. Roots smooth, apple-shaped; very tender and of finest flavor. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

LEEK.

A species of onion highly esteemed for flavoring soups, being of more delicate flavor than the onion. Sow in seed bed middle of spring; when the plants are three or four inches high, transplant them into rows wide enough apart to admit the hoe between them.

Large London. The variety most generally grown and the best market sort. A large strong plant with broad leaves of mild and pleasant flavor. Hardy. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25 postpaid.

BEANS.

DWARF OR BUSH VARIETIES.

Plant in drills $1\frac{1}{2}$ inches deep and drop the beans 3 inches apart in the drills. The rows should be 2 to 3 feet apart. Beans are sensitive to both cold and wet, and can not be planted until danger of frost is past and the ground has become dry and warm. A sandy loam soil is best. Up to the time of blossoming the plants should have frequent shallow cultivation. For succession plant every two weeks. 1 quart will plant 100 feet of drill; $1\frac{1}{2}$ bu. per acre.

Deduct 15c from quart price if to be sent with other goods at your expense.

DWARF WAX POD VARIETIES.

New Hodson Wax. A new and entirely distinct type of wax bean. Produces a healthy growth of foliage, resists rust and blight, and is remarkably prolific, with long, straight, handsome, light yellow, oval-shaped pods. The pods are brittle and tender, and of fine texture, if picked when young are entirely stringless. Its good qualities and remarkable productiveness make it one of the best late or main crop wax beans for home garden or market. Pkt. 5c; $\frac{1}{2}$ pint 15c; quart 45c postpaid. $\frac{1}{2}$ peck \$1.00; peck \$1.85 not prepaid.

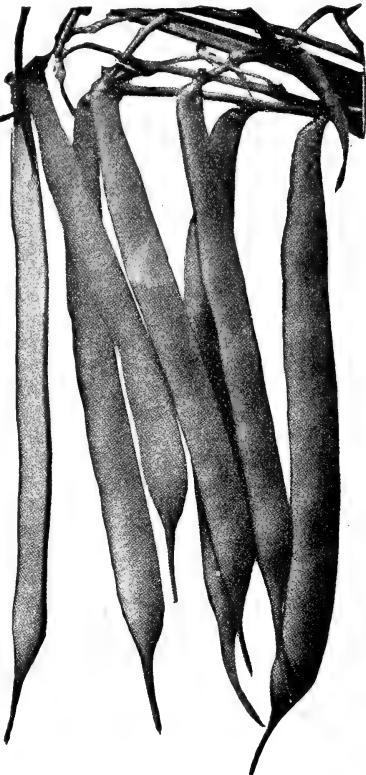
German Black Wax. Well known in many localities as Butter Beans. A very superior snap-bean, ripening among the first earliest and almost well suited for late planting. It is a sturdy grower and yields well. Pods are round, yellowish white, tender and of fine flavor. Continues in bearing a long time. Seeds are glossy black. Pkt. 5c; $\frac{1}{2}$ pint 15c; qt. 40c postpaid. $\frac{1}{2}$ pk. 85c; 1 pk. \$1.50 not prepaid.

Improved Golden Wax. The standard variety of wax beans, well known and largely planted by market gardeners everywhere. The pods are large, long, brittle, entirely stringless, and of a beautiful rich golden wax color. As a snap bean it excels most other varieties in tenderness and rich buttery flavor, while as a shell bean for winter use, it has few or no superiors. It is very prolific. Seeds are white, mottled brown and purple. Pkt. 5c; $\frac{1}{2}$ pint 15c; quart 40c postpaid. $\frac{1}{2}$ peck 85c; peck \$1.60 not prepaid.

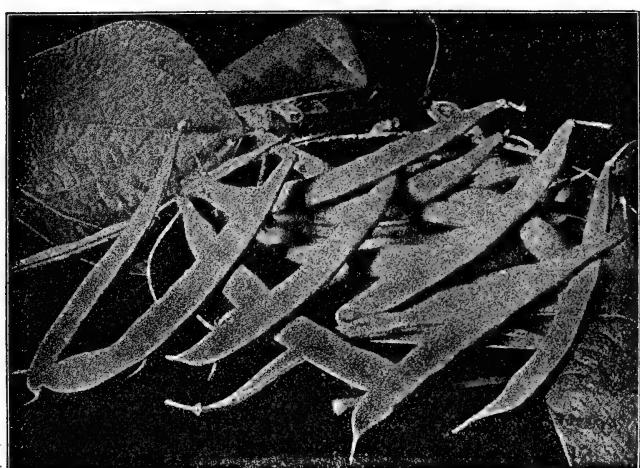
Continuity Brittle Wax. An early prolific Wax Bean that continues in bearing longer than other kinds. Pods long, round, of beautiful yellow color; very brittle and tender, of extra fine quality. Plant is a vigorous grower and exceptionally productive. We recommend this variety very highly for market or home use. Pkt. 10c; $\frac{1}{2}$ pt. 20c; pt. 30c; qt. 50c postpaid. $\frac{1}{2}$ peck \$1.10; peck \$2.00 not prepaid.

Wardwell's Kidney Wax. An extra early prolific wax bean. Hardy and productive. Pods flat, of a delicate waxy yellow and very brittle. Seed white, mottled brown around the eye. A favorite with market gardeners and one of the best kinds for main crop and field planting. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. 95c; peck \$1.75 not prepaid.

Davis White Kidney Wax. One of the leading wax beans and immensely productive, bearing many clusters of handsome pods. The pods are straight and clear waxy-white, 5 to 6 inches in length. In quality they are tender, crisp and of good flavor. The vine is rustless and of vigorous growth. One of the best wax beans for canning purposes as it does not discolor, and of the greatest value for market or the home garden. The dry seed being white and of medium size it is desirable also for winter market as a shell bean. Stock is limited this year. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. 90c; pk. \$1.60 not prepaid.



Hodson Wax.

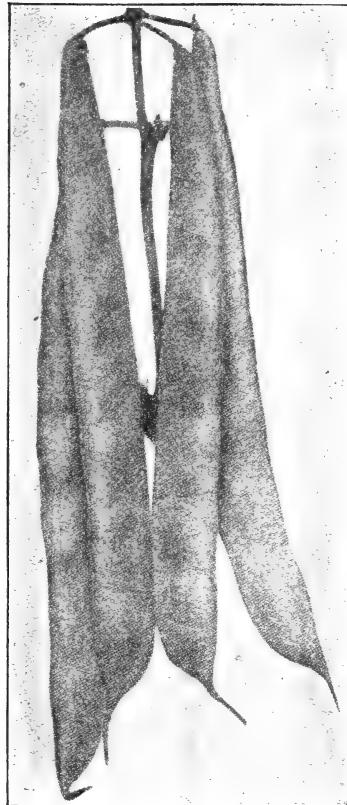


Davis White Wax.

New Royal Wax. A novelty of great merit. The plant is vigorous, large, without runners, spreading, with large leaves. The pods are about 5 inches long, round, of a waxy yellow color; very brittle, entirely stringless, without fibre and unsurpassed in quality. Very early in season, ripening with the German Black Wax Bean, as prolific and as tender as the Crystal Wax. It will be much in demand by market gardeners and for the home garden. The introducer states that in his twenty-five years of experience as grower, he never found anything to compare with it. One gardener of many years experience says that in his estimation it will take a place among Wax Beans like the Burpees Stringless, among the Green Pod Beans, which is saying much. Pkt. 10c; $\frac{1}{2}$ pt. 20c; pt. 30c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.00; pk. \$1.85 not prepaid.

Do not fail to look over all the good things offered on pink pages in front part of this catalog.

GREEN PODDED BUSH BEANS.



Burpee's New Stringless.

Improved Red Valentine. Grows robust and vigorous, producing the round, curved pods very abundantly. The pods are remarkably fleshy and very tender, and remain on the plant a long time without becoming hard. Excellent in quality and uniformity of ripening; nearly the whole crop can be taken at one picking. Pkt. 5c; $\frac{1}{2}$ pt. 12c; qt. 35c postpaid. $\frac{1}{2}$ peck 70c; peck \$1.25 by express or freight.

Burpee's New Stringless. Considered the best green podded bush bean for general planting and for the market. The finely shaped pods are long, full and straight, entirely stringless and unsurpassed in crisp, tender flavor. For the market gardener this is a very profitable sort on account of its earliness and good quality. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ peck 85c; peck \$1.60 by express or freight.

Best of All. A popular and very prolific sort. Pods nearly twice as long as those of the Valentine, very fleshy, tender, stringless and of excellent flavor. Pkt. 5c; $\frac{1}{2}$ pt. 12c; qt. 35c postpaid. $\frac{1}{2}$ pk. 70c; pk. \$1.25 by express or freight.

Large White Marrow. Excellent as a shelled bean for home use and market, the best cooking bean of all. The beans are ivory white and double as large as the Navy. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 30c postpaid. By express $\frac{1}{2}$ pk. 65c; pk. \$1.20.

Early Refugee or Thousand to One. This is probably the most prolific of all green podded bush beans. Very hardy, suitable for early and late planting. Pods are perfectly round, of pale green color, thick and fleshy, straight and with but very few strings. Especially desirable for pickling. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 35c postpaid. $\frac{1}{2}$ pk. 70c; pk. \$1.25 by express or freight.

Early Yellow Six Weeks. Very early and a good yelder. Grows erect and bushy, producing edible pods 30 days after germination. The pods are long, flat and straight. A standard sort and excellent snap bean. Very popular among market gardeners. Seeds dark yellow. Pkt. 5c; $\frac{1}{2}$ pt. 12c; qt. 35c postpaid. $\frac{1}{2}$ pk. 70c; pk. \$1.25 by express.

Longfellow Stringless. The vines are of very robust growth, and produce the pods in truly wonderful profusion. The pods are extra long, round and fleshy, of beautiful color, delightfully tender and absolutely stringless. As an early snap bean and for canning purposes unexcelled. It is of rapid growth and will produce edible pods in 30 to 35 days from time of germination. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 35c postpaid. $\frac{1}{2}$ pk. 70c; pk. \$1.25 not prepaid.

Early Erfurt Broad Bean. An improvement of the old English Broad or Windsor Bean. The plant is of robust and upright growth, entirely different from any other bean. Pods very long, broad and filled with 5 to 9 beans of extra large size and of most delicate flavor. The beans are used shelled and are superior in quality to Lima Beans. Can be planted early as they are quite hardy. Pkt. 10c; $\frac{1}{2}$ pt. 20c; pt. 35c; qt. 60c postpaid. $\frac{1}{2}$ pk. \$1.15; pk. \$2.00 by express or freight.

Boston Pea Bean. An improvement over the old Navy Bean. A very prolific Field Bean. Pkt. 5c; $\frac{1}{2}$ pt. 12c; qt. 35c postpaid. $\frac{1}{2}$ peck 70c; peck \$1.20 not prepaid.

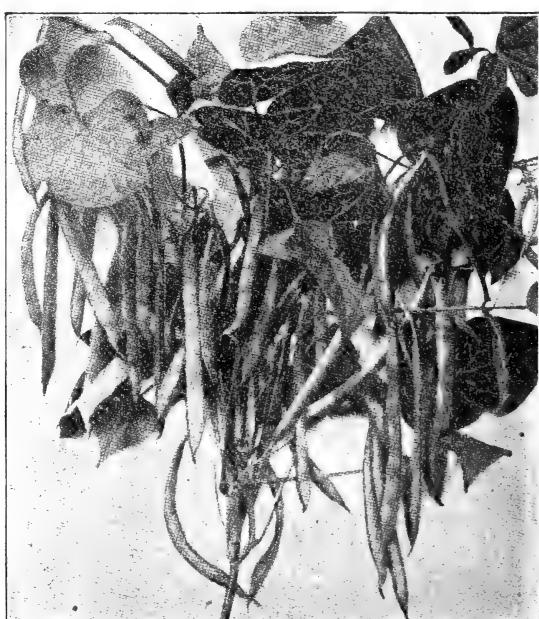
White Wonder. The finest white field bean, a heavy yelder in all sections of the country. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 40c postpaid. $\frac{1}{2}$ peck 70c; peck \$1.25 not prepaid.

LIMA BEANS. GREEN POD.

Henderson's Bush Lima. This is a dwarf form and the earliest of the Limas. It grows about 18 inches high and produces immense crops of delicious beans. Does well in Nebraska. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 40c postpaid. $\frac{1}{2}$ pk. 80c; pk. \$1.50 not prepaid.

Burpee's Bush Lima. This is the true bush form of the Lima Pole Beans. It grows vigorously, to a height of 18 to 20 in. yielding from 50 to 100 pods, similar to those grown on the large Lima Pole Bean. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. \$1.00; pk. \$1.85 not prepaid.

Dreer's Bush Lima. Very prolific, single plants often producing from 150 to 200 pods, each pod holding 3 to 5 beans of excellent flavor. Does well even in dry season and is well adapted to our western climate. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.25; pk. \$2.35 not prepaid.



Early Yellow Six Weeks.

POLE OR RUNNER BEANS.

The Beans should be planted the middle of May if the season is suitable. Set poles 4 feet apart each way, and plant 4 to 6 beans, about 1 inch deep, around each pole. Thin out to 3 plants to a pole, if the soil is rich; pinch off the ends of plants when they over-run the top of the poles, to effect more perfect growth below. They succeed best in sandy loam. 1 quart will plant about 100 hills.

Golden Cluster Wax. It bears profusely its long golden pods in clusters of three to six, and continues in bearing from the middle of July until the vines are cut by frost. Pods are 7 to 8 inches long and about an inch in width. They are fleshy, absolutely stringless and very brittle, while their flavor is delicious. Pkt. 10c; $\frac{1}{2}$ pt. 20c; qt. 60c postpaid. By express $\frac{1}{2}$ pk. \$1.35; pk. \$2.50 not prepaid.

Prosperity Golden Wax. The finest wax pole Bean. Very early and a great and continuous bearer. Pods golden yellow, long and fleshy, entirely free from strings, very tender, brittle and of exceptionally fine flavor. Pkt. 10c; $\frac{1}{2}$ pt. 20c; qt. 65c postpaid. $\frac{1}{2}$ peck \$1.75; peck \$3.00 not prepaid.

Lazy Wife. This sort is popular in many localities. As its name indicates, a hand full of choice stringless pods at a single grab. The pods are broad, thick, very fleshy and entirely stringless and possess a rich buttery flavor when cooked. The beans are white and make a good dry bean for winter use. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. 95c; pk. \$1.75 not prepaid.

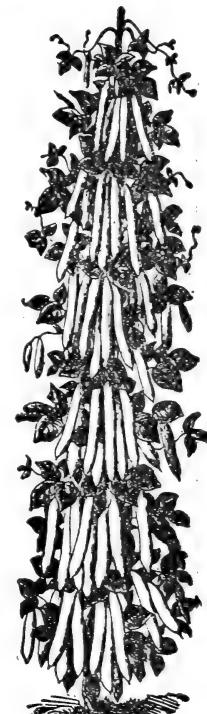
Cut Short or Corn Hill. An old variety popular for planting with corn. Pods short, round and tender; beans nearly round, white with reddish-brown spots. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. 95c; pk. \$1.75 not prepaid.

Kentucky Wonder or Old Homestead. Vine vigorous, climbing well and very productive, bearing its pods in clusters; pods green, very long, often reaching nine or ten inches, nearly round and very crisp. Ten days earlier than any other green podding Pole Bean. A good market sort. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. 90c; pk. \$1.65 not prepaid.

Large White Lima or Butter. Productive, large flat pods; rich and of finest flavor. The dry beans are white. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 40c postpaid. $\frac{1}{2}$ peck 75c; peck \$1.60 not prepaid.

Yard Long. A great curiosity, and withal a bean of excellent quality. Pods usually 18 to 24 inches but frequently 30 inches and sometimes 36 inches in length. An excellent table vegetable, the pods being tender and of a rich asparagus flavor. Per pkt. 10c; 3 pkts. for 25c.

Scarlet Runner. Grown extensively for ornamental purposes, as flowers are a most brilliant scarlet and borne profusely. Beans are broad and flat, and of a fine flavor when cooked. A hardy vigorous grower. Pkt. 10c; $\frac{1}{2}$ pt. 20c; qt. 60c postpaid.

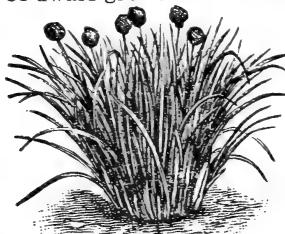


Golden Cluster.

MISCELLANEOUS VEGETABLES.

CURLED CHERVIL.

The leaves are used in flavoring soups and salads and for garnishing. More beautiful than parsley. Of dwarf growth with finely curled leaves. One ounce will sow 100 ft. of drill. Cultivate same as parsley. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 65c postpaid.



Chives.



Southern Giant Mustard.

CHICORY.

The leaves are used as salad; roots are used to mix with or be substituted for coffee. Cultivate same as Parsnips. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

CHIVES.

Perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onions is required. The tops appear early in spring, and can be shown throughout the season as needed. Pkt. 5c; $\frac{1}{2}$ oz. 30c; oz. 50c; roots per bunch 15c; 10 for \$1.25 postpaid.

CHUFAS.

Earth Almond. A nice small ground nut which is greatly liked by the children. In sweetness and flavor they resemble the cocoanut or almond and are considered very nice to put on the table in a fruit dish with candies, and as an after dinner relish. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 45c.

LENTILS.

Used in oriental countries as principal article of diet. Splendid for soups and also used extensively for pigeon food. Cultivate same as peas. Large pkt. 5c; lb. 25c postp'd.

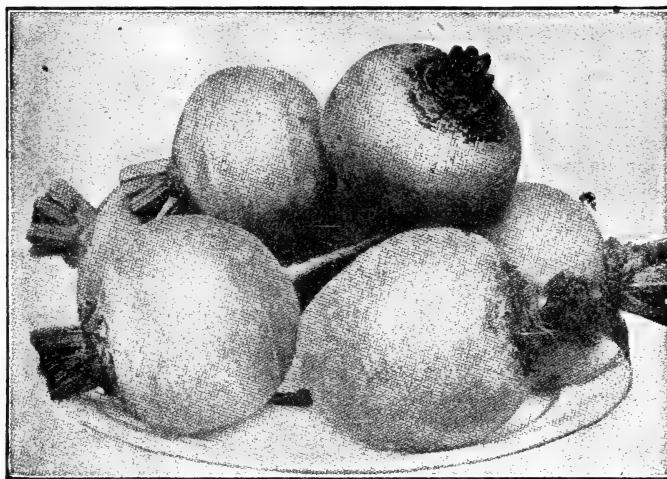
MUSTARD.

White. The best for salad or culinary purposes. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c postpaid.

Southern Giant Curled. This mustard is very highly esteemed in the South, where the seed is sown in the fall and the plants used very early in the spring as a salad. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

BEETS.

The soil for Beets should be rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked, continue for a succession as late as the middle of July; when the plants are large enough thin out to stand six inches apart in rows. One ounce to 50 feet of drill; 5 to 6 pounds to the acre in drills.



Crimson Globe.

superlative excellence. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

Early Blood Turnip. This is an old standard variety, well known in all localities and largely planted for family use. The roots are of deep red color, tender and delicious, and of good keeping qualities. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.

Early Eclipse. Remarkable for rapid growth. Perfectly smooth and round; skin and flesh intense red; very fine-grained. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c postpaid.

Dewings Early Blood Turnip. Excellent for late planting, a favorite with market gardeners. Is of globe shape, deep blood red flesh, very tender and juicy and a good keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 75c postpaid.

Half Long Blood. An entirely distinct variety, and the best for winter use. The roots are thick and smooth; flesh a rich dark red, crisp, tender, and very sweet, never becoming woody and retaining the excellent quality longer than other sorts. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.

Long Blood Red. An old standard variety. Matures rather late, but is of fine quality and an excellent keeper. Resists drought better than any other variety and is considered one of the best beets for the home garden. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 45c postpaid.

Swiss Chard or Silver Beet. A distinct vegetable and much superior to the common beets for greens. If sown at the same time, it will be fit to be used before the turnip. Later the plants form broad, flat, beautiful white and wax-like stems to the leaves, which are cooked the same as asparagus. Swiss Chard is of superior quality to Spinach and ordinary beet-greens. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.

MANGEL WURZELS.

Extensively grown for feeding stock. No crop pays the farmer and stock raiser better than mangels. Easily grown and they keep your stock in good condition and free from disease. The mangel is a surer crop than any other root, withstands drought better and is more fattening than the turnip. Sow in April or May in drills three feet apart, and thin out to 10 inches in the row. 5 to 6 lbs. of seed per acre.

Giant Half Sugar Mangel. The roots of this new Mangel are more valuable pound for pound, than those of the best strains of Sugar Beets, supplying food of very much higher nutritive value, and not only are they of better quality, but they yield more than twice as much. The roots grow partly out of the ground which renders the harvesting very easy. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c postpaid. 5 lbs. by express not prepaid \$1.25.

Mammoth Long Red. This is an enormously productive variety, a single root often weighing from 20 to 30 pounds. It is the best long Mangel, and of great value for stock feeding. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 35c postpaid. 5 lbs. by express not prepaid \$1.25.

Golden Tankard. The best Yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety which contains a large percentage of sugar. It is more relished by milch cows and sheep than any other. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c postpaid. 5 lbs. by express not prepaid \$1.25.

Red Globe. An excellent variety for shallow soils. Yields well and is of high feeding value. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 35c postpaid. 5 lbs. by express not prepaid \$1.25.



Giant Half Sugar.

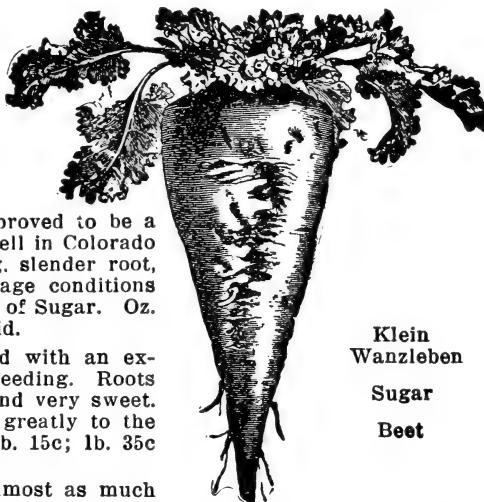
SUGAR BEETS.

Sugar Beets are grown on a large scale throughout the west. In Colorado large tracts are devoted to the culture of Sugar Beets annually and the crop is sold to the Beet Sugar Factories at a handsome profit for the planter. When planted for this purpose 12 to 20 pounds of seed per acre is the usual quantity. For stock feeding the sugar beets are superior to mangels. Our seed is grown by foremost growers in Europe, who have made the growing of sugar beets their specialty for many years. Write us for prices on large orders.

Klein Wanzleben. Selected Stock. This variety has proved to be a very valuable sort, not only in foreign countries, but as well in Colorado and other sections of this country. It has a rather long, slender root, very rich in sugar, and is claimed to yield under average conditions about sixteen tons to the acre, containing 12 to 13 per cent of Sugar. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c postpaid; 10 lbs. \$2.50 not prepaid.

French Red Top. It unites capacity for a large yield with an exceedingly rich flesh, making it the best kind for cattle feeding. Roots above medium size, long, top-shaped, flesh fine grained and very sweet. Of much value for feeding to milch cows and will add greatly to the milk production as well as to its richness. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 35c postpaid; 10 lbs. \$2.40 not prepaid.

Lane's Imperial. Grows to a large size, will yield almost as much in bulk as the best mangels, and contains a large percentage of sugar. The roots are smooth, broad at the shoulder and gradually taper to the base. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 35c postpaid; 10 lbs. \$2.25 not prepaid.



Klein
Wanzleben
Sugar
Beet

CAULIFLOWER.

Sow the seed in a hot-bed in January or February, and when the plants are large enough transplant 3 inches apart in boxes until time to plant out. If hardened off they are seldom injured by planting out as early as the ground can be properly prepared, $2\frac{1}{2}$ feet apart each way. Keep well hoed, watering freely in dry weather, and especially when they begin to head. The late varieties mature in the autumn, and are sown and managed similar to winter cabbage. Any soil that will grow cabbage will grow cauliflower, but rich, moist soil is preferred. Cauliflower is one of the most delicious vegetables.

Earliest Dwarf Erfurt. The best variety for forcing and earliest in open ground. Our strain of Erfurt Cauliflower has given the best satisfaction and can be relied upon to produce true to name, and will be found unsurpassed in earliness, purity of color, dwarf habit, fine grain and solid heads. It produces smoothly rounded heads which are of uniformly even size, fine grained, compact and pure white. Plants are of very dwarf growth and remarkable for their reliability in heading and fine quality. If planted in rich soil at proper season, heads 8 to 10 inches in diameter can be marketed in July. Pkt. 10c; $\frac{1}{2}$ oz. \$1.35; oz. \$2.50; $\frac{1}{4}$ lb. \$9.00.

Early Snowball. A well known variety, producing very early, fine grained, smooth heads, which are compact and even in size. The plants are of dwarf habit. On account of the short outer leaves the plant can be set out as close as 18 to 20 inches apart each way, a point of great value to market gardeners. Equally good for forcing or planting in open ground for main crop. We obtain our seed from the most reliable growers in Denmark. Pkt. 10c; $\frac{1}{2}$ oz. \$1.35; oz. \$2.50; $\frac{1}{4}$ lb. \$9.00.

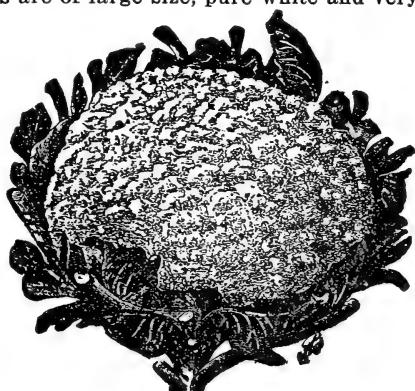
New Danish Giant. The dry weather Cauliflower. This new and desirable Cauliflower originated in the same locality in Denmark which produced the Snowball. The heads are of large size, pure white and very

solid. It also has large leaves which help to protect the head. It is later than the Snowball and has proven much more desirable for growing in the open ground and does well in dry seasons when other varieties show failure. We can highly recommend this sort. Pkt. 15c; $\frac{1}{4}$ oz. 75c; $\frac{1}{2}$ oz. \$1.40; oz. \$2.60.

First of All. The cauliflower for all northern countries. Extra early, maturing its large, very solid heads in an extremely short time. Heads pure white, hard as stone. In quality unexcelled. Leaves dark green and curled. Pkt. 10c; $\frac{1}{2}$ oz. \$1.00; 1 oz. \$1.75; $\frac{1}{4}$ lb. \$5.00.

Early Favorite. Very early and a sure header. Of dwarf growth, with short leaves. Can be planted early or late, for forcing or growing in open ground. Will stand heat and drought well. Pkt. 5c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.50.

Early Paris. Very popular early sort, forming medium sized, compact heads of excellent quality and flavor. The leaves are large, stalk short. For the home garden a very satisfactory variety. Pkt. 5c; $\frac{1}{4}$ oz. 45c; oz. 75c; $\frac{1}{4}$ lb. \$2.15.



Early Paris.



Early Jersey Wakefield.

Early Spring. This famous extra early cabbage has in a very short time reached the greatest popularity. It is of the type of the Early All-Head, but with a smaller head, maturing about the same time as the Wakefield. One of its chief claims to superiority is the remarkable uniformity of the heads. It is round in shape, slightly flattened, very solid, even when young. Has very small outside leaves, allowing close planting. In productiveness it is second to none of all early varieties. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00 postpaid.

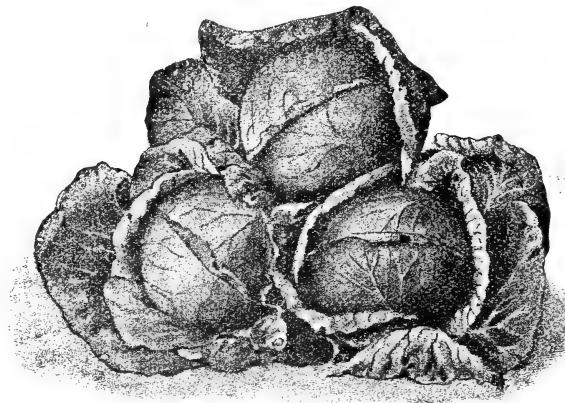
All Seasons. (Or Vandergaw.) One of the best sorts for market gardeners, as it forms large solid heads, much larger than the Early Summer and a-

bout as early; when planted later, it makes a first class Fall and Winter sort. One of its main qualities is its almost absolute certainty to head. A most excellent variety, either for extreme early, or for fall or spring market. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75 postpaid.

The Glory. Best early sure heading variety. It is a vigorous grower, forming large compact heads, which are of a nice yellowish-green color. It has only a few outer leaves and can be planted closely. The heads are as round as a ball. An excellent market sort, combining all good qualities one may expect of an early cabbage. Excellent for first early and late plantings. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50 postpaid.

Danish Ball Head. For main crop and late planting, being one of the best keepers of all winter cabbages. It thrives well on thin soils and in highly exposed locations. The heads are of good marketable size, not so large as Flat Dutch, but very hard, round, fine grained, and will weigh more than other varieties of equal size. It is the ideal cabbage for the market gardener. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; 1 lb. \$2.75 postpaid.

Volga. The great new Russian Cabbage. See under novelties page 8.



The Glory.

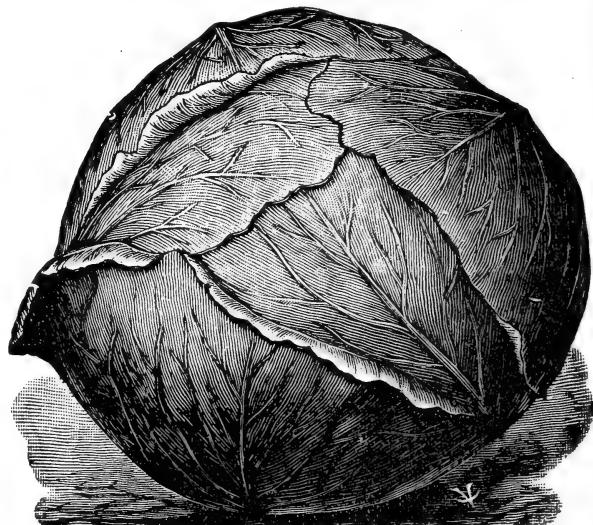
CABBAGE. For early summer use sow in hotbed in February or March. Before transplanting to open ground the plants should be hardened off by exposing them gradually to the night air. For winter use sow in the open ground in May or June. When five or six inches high, transplant in rows two feet apart one way, and 12 to 18 inches the other, according to variety, burying to the first leaf, whatever the stem length. Hoe frequently, drawing the earth up about the plants until they begin to head. Requires a deep, rich soil. One ounce will produce 3000 plants. Use "Slug Shot" to kill worms and insects.

True Early Jersey Wakefield. Selected Long Island Grown Stock. Considered the very best first early variety, suited for market and family use. The heads begin to mature the later part of June and may be cut in succession for several weeks. Heads are solid and conical in shape, with blunt point, and have but few outside leaves. Most gardeners depend on this cabbage for the bulk of their extra early crop. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00 postpaid.

Early Filderkraut. (Or Earliest Pommerian.) An extra early variety with pointed, solid heads. Many gardeners consider this the earliest variety and surest header of all early cabbages. The heads are of good size, with but few outer leaves. Owing to its great drought resisting qualities this cabbage is especially recommended for our western states. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.85 postpaid.

Early Winningstadt. A well known and very popular early variety, heads large, decidedly conical; solid and hard even in summer. This is a very sure heading variety, valuable not only for early use, but also for late planting

to be used for winter cabbage. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.75 postpaid.



Danish Ballhead.

CABBAGE.—Continued.

Sure Head. A well known variety, producing large, round heads, slightly flattened and is remarkable for its certainty to head. A vigorous grower and one of the best cabbages for late or main crop. Heads are remarkably uniform, very hard and exceedingly fine in texture, weighing about 10 to 15 lbs. each. This variety is of very fine flavor, a fine keeper and good for shipping. Every market gardener and farmer will be suited with this splendid cabbage. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.85.

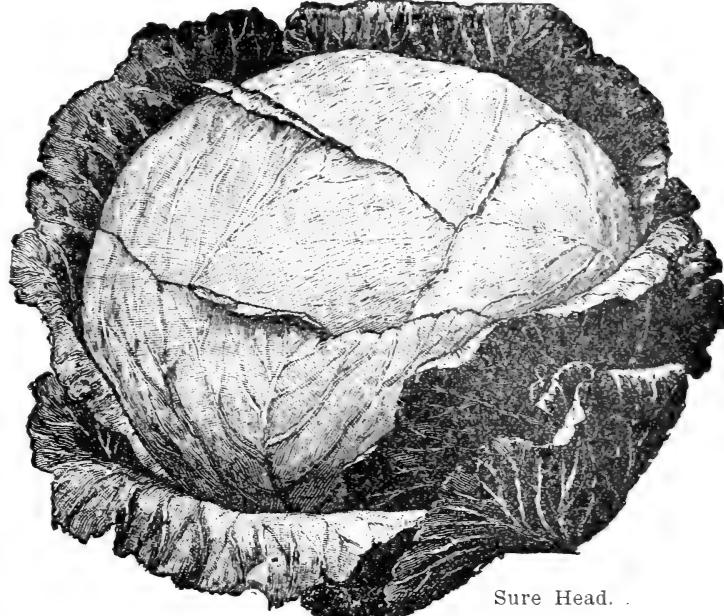
Erfurt Round Sugar. This excellent variety is entirely distinct in character and color, makes a very hard head and has a short stem; its special feature is the golden color after being put up, best for "kraut." This variety is medium late, is perfectly solid at maturity and does not crack. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$2.75 postpaid.

Brunswick Large Late Flat. Very fine late variety with short stem, producing large, solid heads, which are uniform in size and always very solid. Quality the very best. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.90 postpaid.

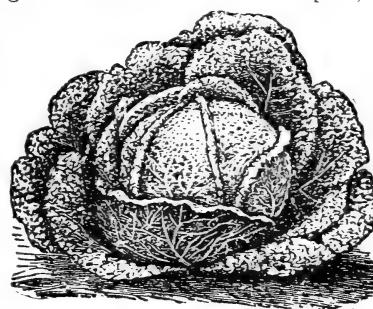
Marblehead Mammoth. A large headed variety of the drumhead type, considered to be the largest cabbage in cultivation. Under good culture it forms compact, solid heads, weighing from 30 to 40 pounds each. Largely grown in some sections in the south. It is not considered a very good keeper. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75 postpaid.

Premium Late Flat Dutch. As a variety for winter market it has no superior. Heads large, bluish green, round, solid, broad and flat on top, they open white and crisp, are tender and well flavored. It is a fall and winter variety, and one of the very best to keep. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.85 postpaid.

New Century. The very best late cabbage for general use being very hardy and sure to head when most sorts fail. It seems to suffer less from the Cabbage worm than any other sort. Plant very compact, with short, thick leaves. Heads regular, very hard, and keeps well both summer and winter. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.75 postpaid.



Sure Head.



Savoy Cabbage.

SAVOY CABBAGE.

King of Earliest Savoy. The earliest of all Savoy cabbages. Forms medium sized heads of conical shape, with blunt point. Leaves are finely crimped. Quality unsurpassed and exceedingly tender. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c postpaid.

Large Drumhead Savoy. This is an excellent winter and spring cabbage, forming nice solid heads with curly outer leaves. Superior in flavor to the ordinary or smooth leaved sorts. Pkt. 5c; ounce 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.90 postpaid.

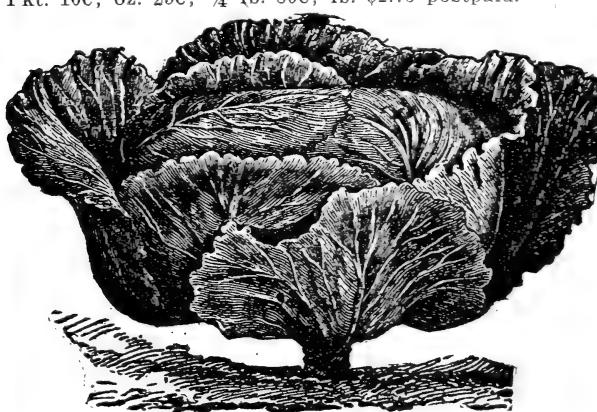
Berlin Golden Savoy. Excellent medium early variety of golden yellow color. Finely curled outer leaves. Superior quality and long keeper. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

RED CABBAGE.

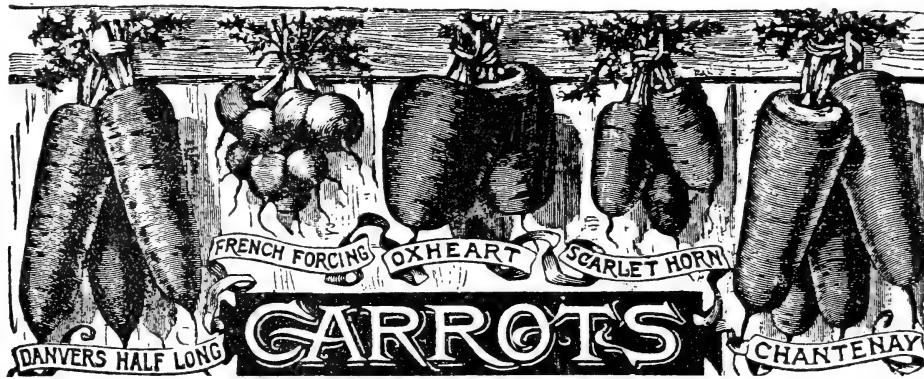
Zenith Red. This new variety produces solid heads of rich, deep blood-red color, ripens medium early. The heads are of medium size, fine ribbed and with but few outer leaves. It is of excellent quality and a good keeper. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c postp'd.

Mammoth Red Rock. The largest and surest heading variety of the red cabbages. The plant is of vigorous growth and forms round solid heads of deep red color. In quality and flavor it is considered to surpass any green cabbage. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00 postpaid.

New Red Polish. Very hardy, short stemmed, with extremely solid heads of dark red color. Quality is excellent. A long keeper, and very profitable red sort that will prove satisfactory in all respects. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.



Premium Late Flat Dutch.



The carrot is one of the most nutritious and healthful of roots, and should be more generally used for the table as well as for stock feeding purposes. Will grow in any soil; sandy loam is best. Sow as early as the ground can be worked, in rows 15 to 18 inches apart, covering about $\frac{1}{2}$ inch. For field culture sow in drills 18 to 24 inches apart. One oz. will sow 100 feet drill, 3 to 4 lbs. per acre.

Danvers Half Long. Of rich orange color, smooth and the flesh of fine texture with little core, stump rooted. It is a first class carrot for all soils and valuable to the market gardener. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Oxheart or Guerande. Roots are very thick, five inches long and nearly as broad, and very blunt at the lower end. It grows rapidly and the roots often weigh a pound or over. Of excellent quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Early Scarlet Horn. A very popular extra early variety. Roots of medium size. Color orange-scarlet; fine grained and of the best flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c postpaid.

Long Orange. It grows to a large size, is of a rich orange color and fine quality. One of the most desirable for table use and for stock. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.

Earliest French Forcing. This variety is used extensively for forcing. It makes a small, globe-shaped root of orange red color, and is of excellent quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c postpaid.

Early Chantenay. Very early and a great favorite with market gardeners. Grows 5 to 6 inches long, very smooth and of finest quality. We consider this the best table carrot. Very productive even under unfavorable conditions. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Golden Rod. This new half long table carrot is very uniform in size, smooth, free from core, with sweet and tender flesh. For market gardeners and for home garden it is one of the finest sorts. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25 postpaid.

Victoria. A very large and very rich stock carrot. It is a heavy cropper on all soils. The roots are very symmetrical, of excellent quality and orange-yellow color. Is considered the best feeding sort. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid. By express 5 lbs. for \$2.40 not prepaid.

Large White Belgian. Root pure white, green above ground. It will grow to a very large size and is easily gathered. Flesh rather coarse; is raised extensively for stock. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c postpaid. By expr. 5 lbs. for \$1.75.

CELERY.

One ounce will make about 2,500 plants. The seed should be started in shallow boxes or hot-bed. Sow thickly and cover lightly, keep well watered and transplant when two inches high, in rows 3 feet apart and 6 inches in the row. The essentials to success in celery growing are rich soil and plenty of water.

Golden Self Blanching. (Selected Stock.) The leading early market sort. Stalks are broader and heavier than those of White Plume and much superior in quality. The ribs are perfectly solid, crisp, brittle and of delicious flavor, surpassed by no other variety. Our seed is grown by the introducers of this celery, in France. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.15; lb. \$3.75 postpaid.

Golden Self Blanching. (Regular Stock.) American grown. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.50 postpaid.

White Plume. (Selected Stock.) This celery is valued because the stalks, the inner leaves and the hearts are white. It is tender, crisp and of good flavor, ripening very early. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.85 postpaid.

Giant Pascal. This is the best keeper of all the late sorts; very solid and crisp. This variety is unsurpassed for market gardeners. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.65 postpaid.

Golden Dwarf. A fine keeping golden dwarf sort. The heart is large, surrounded by a shapely solid stalk. Very popular in many sections. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.45 postpaid.

Winter Queen. Without doubt the most valuable variety for winter and spring use. Stalks are stout, thick and heavy, with double the amount of heart than any other kind. Ribs are solid, crisp and of a delicious nutty flavor. The best keeper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c.

Flavoring Celery. Old seed for flavoring. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 45c.

Celeriac or Turnip Rooted Celery. Grown exclusively for its very smooth, tender, and marrow like roots, which are turnip shaped. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75 postpaid.

Apple Shaped Celeriac. The roots are round, smooth; leaves small. Of excellent flavor and very tender. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.



Golden Self Blanching.

SWEET CORN.

One quart will plant about 200 hills. One-third bushel will plant 1 acre in hills. Sweet corn, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm. For a succession, plant every two weeks, in rich ground, in hills three feet apart each way, covering about $\frac{1}{2}$ an inch, and thin out to three plants to the hill. The extra early varieties can be planted closer. Give frequent and thorough but shallow cultivation until tassels appear. Our price for Pkt., $\frac{1}{2}$ pt., pint and quarts is postpaid, larger quantities go at the expense of the purchaser.

Peep of Day. Of Minnesota origin, 5 to 7 days earlier than other well known early kinds. Ears five inches long, perfect in form, and well filled, the corn is tender and sweet. We are very positive of the earliness of this variety, and our customers will make no mistake in planting some of it for first early. Pkt. 5c; $\frac{1}{2}$ pint 15c; pint 25c; qt. 45c postpaid. By express, $\frac{1}{2}$ pk. 85c; pk. \$1.50.

White Mexican. The best early market variety. The White Mexican possesses all the good qualities of the old Black Mexican—just as sweet, with just as fine a flavor—without the objectionable color. It matures early, furnishing edible ears from 4 to 6 days later than Cory. A good yielder, and remains in edible condition perhaps longer than any other early variety. For market or home use you will make no mistake in planting largely of this sweet corn. Pkt. 10c; $\frac{1}{2}$ pint 15c; qt. 40c postpaid. Not prepaid. $\frac{1}{2}$ pk. 75c; pk. \$1.35.

Golden Bantam. This is a very early corn possessing the valuable quality of being one of the sweetest and richest corns ever known. It is indeed one of the very best varieties for market and the home garden, and we recommend it to our customers without hesitation. It can be planted thickly and as late as July 15th. By successive plantings, it can be had for table use from July 20th until frost. Pkt. 5c; $\frac{1}{2}$ pint 12c; pt. 20c; qt. 35c postpaid. By express, $\frac{1}{2}$ pk. 75c; pk. \$1.25.

Mammoth White Cory. One of the largest and best extra early sorts. The ears are twelve-rowed, and very much larger than the old Cory, white-cobbed, and covered with very large, white grains of good quality. No other sweet corn will find ready sale in a market which is supplied with this splendid variety. Pkt. 5c; $\frac{1}{2}$ pt. 12c; pt. 20c; qt. 30c postpaid. By express, $\frac{1}{2}$ pk. 60c; pk. \$1.00.

Adams Extra Early. One of the earliest. Maturing for table use in 60 days after germinating. Not a sugar corn but a decided acquisition, ripening so very early in the season. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 30c postpaid. By express, $\frac{1}{2}$ pk. 60c; peck \$1.00.

Early Minnesota. Well known and popular early sort, for the market or private garden. Stalks four to five feet high with no suckers and bearing one or two ears, long and eight-rowed, kernels very broad, sweet and tender, not shrinking much in drying. Pkt. 5c; $\frac{1}{2}$ pt. 12c; pt. 20c; qt. 30c postpaid. By express, $\frac{1}{2}$ peck 60c; peck \$1.00.

Country Gentleman. One of the most delicious and sweetest of all sweet corns. A main crop variety. It is extremely productive, the stalks averaging three ears and sometimes as many as five. The small, irregular kernels are very deep and pure white in color. Ears average nine inches in length. One of the best kinds for the gardener as well as for home use. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 35c postpaid. By express, $\frac{1}{2}$ pk. 65c; pk. \$1.20.

Stowell's Evergreen. This variety is more planted than any other, being the general favorite with canners and market gardeners for late use. It is very productive, the ears are of large size, grains deep, exceptionally tender and sugary, and remains for a long time in edible condition. This variety with one or two of the early varieties is necessary to every garden. Pkt. 5c; $\frac{1}{2}$ pt. 12c; pt. 20c; qt. 30c postpaid. By express, $\frac{1}{2}$ pk. 50c; pk. 90c.

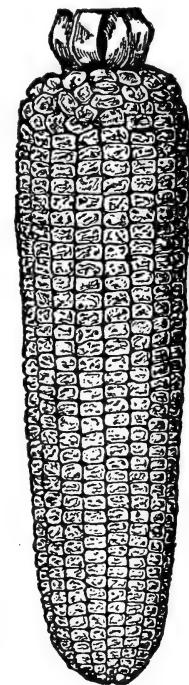
Mammoth Sugar. Produces the largest ears of any sort, excellent quality, sweet, tender, and delicious. The ears average 10 to 12 inches, are well filled and of handsome appearance. In sweetness and fine table quality it is hard to beat. Plant some for succession with your early corn. Ripens late. Pkt. 5c; $\frac{1}{2}$ pt. 12c; qt. 30c postpaid. By express, $\frac{1}{2}$ pk. 55c; pk. 95c.

POP CORN.

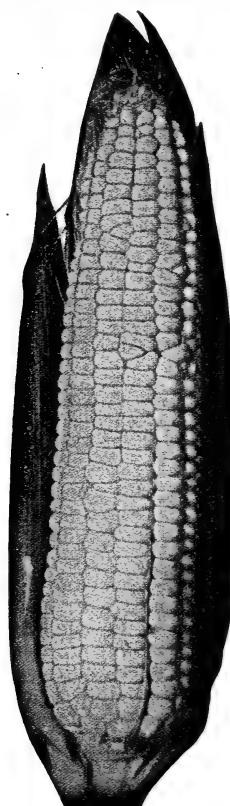
Two to three quarts will plant an acre.

Monarch White Rice. It is the best white variety. Bears from three to six ears per stalk, and produces 1500 to 2000 lbs. per acre. It will pay you to try it. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 35c postpaid. By express, $\frac{1}{2}$ pk. 60c; pk. \$1.00.

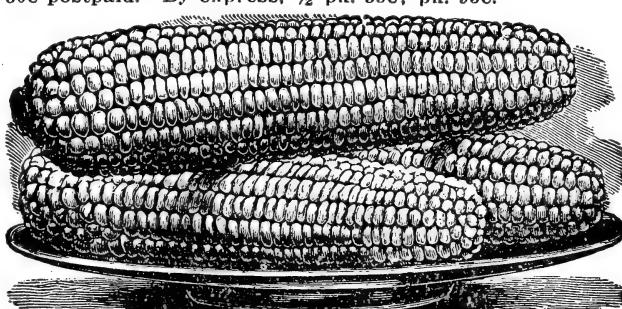
Queen's Golden. Color a peculiar lustrous golden yellow, pops to a rich cream color, very prolific. Preferred to the white popcorn by many. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 35c postpaid. By express, $\frac{1}{2}$ pk. 60c; pk. \$1.00.



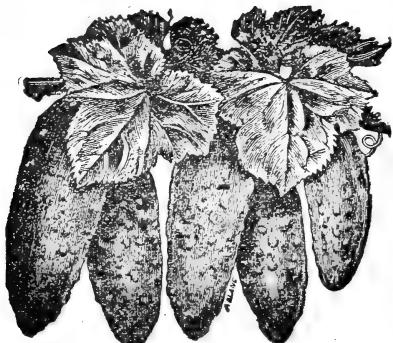
Evergreen.



Golden Bantam.



Mammoth White Cory.



Chicago Pickling.

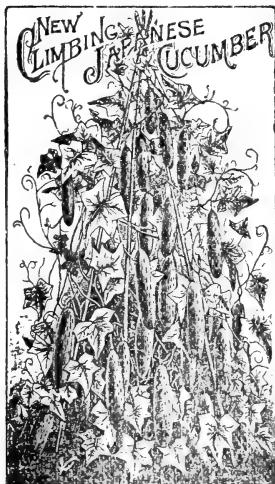
Klondike. Best long green cucumber. See Novelties.

Boston Pickling. A distinct variety which has obtained a great degree of popularity in the Boston market as a pickle. Medium long, a great producer. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c postpaid.

Improved Long Green. A well known standard, main crop variety, about nine inches long, of excellent quality, and makes the best of pickles. It is also one of the best for slicing, being tender and crisp, and of fine flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

Cumberland. Hardy, rapid, vigorous grower and very prolific. The fruits differ from all other sorts in being thickly set with fine spines over the entire surface except the extreme end. They are exceptionally straight and symmetrical; and the flesh is crisp and tender. A fine pickling cucumber. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

Japanese Climbing. While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit, so much so, that it quickly climbs on poles or trellises. The quality is splendid for pickling, as well as for slicing for salads. The fruits are of good size and fine flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.20 postpaid.



Lemon Cucumber. The fruits are nearly round, with the yellow and green markings and smooth skin of a lemon, while the flesh is exceedingly tender and crisp with a sweet flavor. The vines grow and produce fruits until killed by frost. A very fine cucumber. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c.

Gherkin or Burr. This variety is used exclusively for pickling; fruit is 2 to 3 inches long and prickly. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

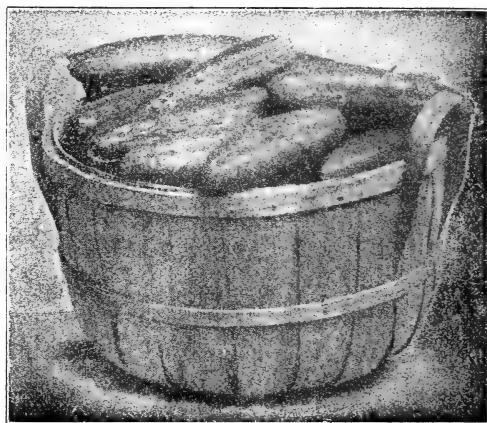
Snake. This cucumber is curious as well as useful. Grows to 5 feet in length, coiled like a snake. Quality is very good. Pkt. 10c.

CUCUMBER.

One ounce will plant about 50 hills, two to three pounds to the acre. Succeeds best in a rich, loamy soil. For first early sow in hotbeds, six weeks before the plants can be set out in the open ground. For general crop plant in May, in open ground, about 10 seeds to a hill, the hills 4 feet apart each way.

Chicago or Westerfield Pickling. Selected Stock. Fine for market. It is undoubtedly the best cucumber for pickles, and is used almost exclusively by a vast majority of the pickle factories. The fruit is medium length, pointed at both ends, with large and prominent spines. The color is a beautiful deep green. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 95c postpaid.

New Everbearing. It is of small size, very early, enormously productive and valuable as a green pickler. The peculiar merit of this variety is that the vine continues to produce fruit until killed by the frost, whether the ripe cucumbers are picked off or not, differing in this respect from all other sorts. The fruit is perfect in shape, of a fine green color. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.



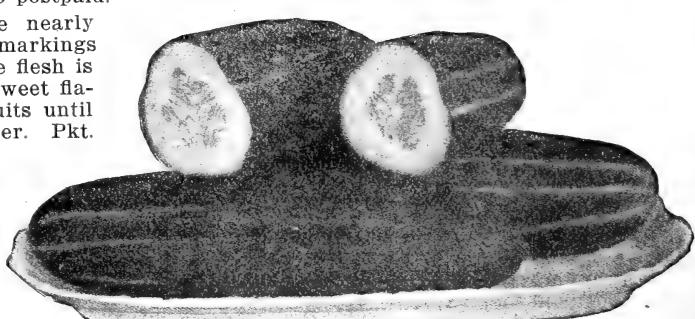
Davis Perfect.

Improved Early Long White Spine. Selected Stock. The most popular variety with market gardeners. One of the best for the table. Flesh tender and crisp. Fruit uniform in size, straight and light green, with few spines. Very prolific. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

Early Frame or Short Green. An excellent sort both for table use and for pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp, and makes fine pickles. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c postpaid.

African Horned Cucumber. Fruits are of curious form and covered with small horn-like eruptions. Color deep green, turning to orange-yellow when fully ripe. Quality is excellent. For pickling and slicing. Pkt. 10c; oz. 25c.

The Davis Perfect. An excellent cucumber for both outdoor use and for forcing. The fruits average 11 to 12 inches long; slim, slightly pointed, a dark glossy green color, which they keep until ripe, then turning white. In quality it is very tender, brittle and of fine flavor. A very vigorous grower, withstanding blight better than any other of the long sorts. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25 postpaid.



White Spine.

LETTUCE.

Lettuce seed should be covered very shallow to secure germination. For early spring use sow in September and protect through the winter in cold frames the same as cabbage, or sow in hotbed in March and transplant to open ground as soon as it can be worked. For late supply sow in the open ground as soon as the season will permit, in rows one foot apart; thin out plants 8 to 10 inches in rows. If sown every two or three weeks to the middle of August, it may be had in perfection the entire season. One ounce will sow 100 feet in drill, 3 to 4 lbs. to the acre.

Ideal Forcing. The earliest and best in every respect for forcing purposes. The head is of a perfectly rounded form and unsurpassed for firmness and quality. We can recommend this lettuce to every market gardener as being the best type of forcing head lettuce now in the market. It will prove a money maker. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75 postpaid.

Black Seeded Simpson. Selected Stock. This large leaved lettuce is by far the most popular of all sorts among market gardeners. It forms large, loose heads of light green color; leaves quite thin, very tender and crisp, of fine quality. The best "allround" lettuce and one of the finest for use under glass. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c postpaid.

Early Curled Simpson. White Seeded. One of the best early sorts for market or family use. Forms a large loose head. Leaves beautifully crimped, dark green, very tender and crisp. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Denver Market. An early head lettuce, good either for forcing or open ground. The leaves are beautifully curled and crimped like the Savoy Cabbage, very crisp and tender and of excellent flavor. Our market gardeners here consider this lettuce to be superior in quality to any other. Pkt. 5c; ounce 10c; $\frac{1}{4}$ lb. 30c; lb. 90c postpaid.

May King. The new early lettuce. Plant this lettuce for the first early head lettuce. It is equally good for outdoor planting or forcing. The outer leaves have a slightly brownish tinge, while the heart is of a beautiful yellow, very crisp and tender. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.50 postpaid.

All Seasons. Unsurpassed as a head lettuce for general home and market garden use in Northern climates. Also well suited for our western states. It forms a large, handsome, extremely solid head, almost as large as a Flat Dutch Cabbage; color a light grayish green, never spotted nor brownish; leaves broad, quality excellent, decidedly buttery with thick leaves of much substance. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50 postpaid.

Improved Hanson. One of the best for outdoor summer planting, owing to its wonderful heat resisting qualities. It forms large, firm heads, which are deliciously sweet, crisp and tender. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c postpaid.

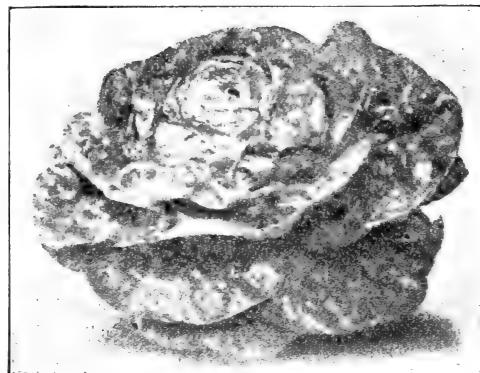
German Butter Head. Produces fine, large heads of extra quality, remarkably tender and crisp, sure to head and of quick growth. It is one of the best for forcing and summer use, as it is slow to shoot to seed and resists heat well. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c postpaid.

Big Boston or Immensity. A very popular variety with gardeners who want a large heading forcing sort, and also for outdoor winter culture. The plants are large, hardy and vigorous, with broad, smooth, thin leaves of light green color, and when well grown are very tender. This is grown in the South as a winter lettuce. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

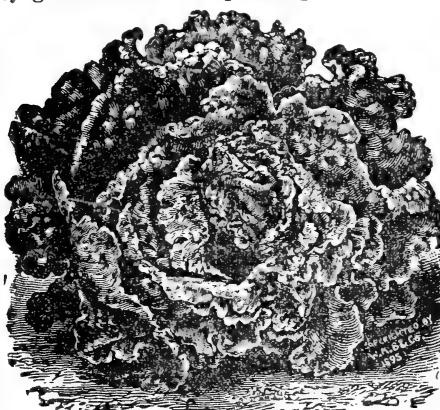
Prize Head. A splendid lettuce for the home garden. Leaves are of reddish-brown color, variegated with dark green. The heads are of good size, tender and of fine flavor. Excellent for late planting, as it stands heat and drought well. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c postpaid.

Golden Spotted. Excellent head lettuce, forming medium sized, very solid heads. The outer leaves are bronze-yellow with brown spots. In quality equal to any of the well known varieties. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50 postpaid.

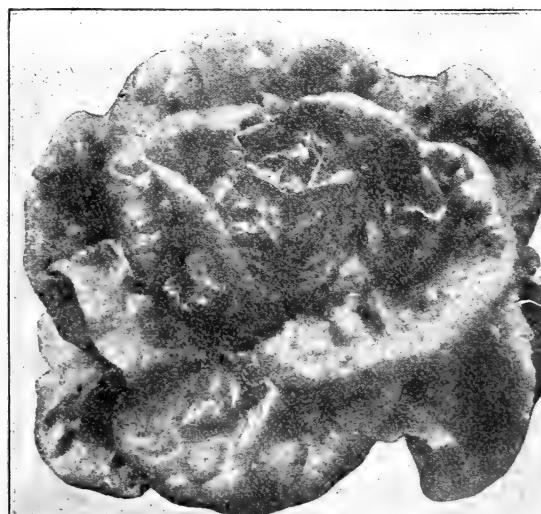
Paris White Cos. The Cos lettuce differs entirely in shape from the other varieties, the head being elongated and of conical form. The outer coloring of this variety is yellowish-green. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00 postpaid.



May King.

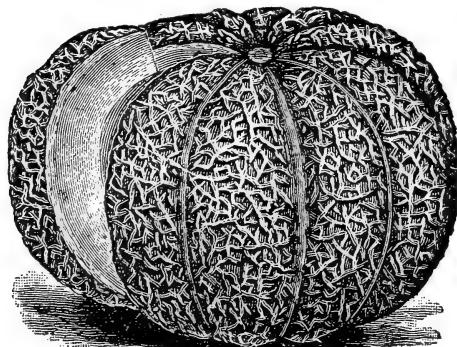


Black Seeded Simpson.



German Butterhead.

MUSK MELON.



Extra Earl Hackensack.

Earliest varieties ready in 80 to 100 days from sowing. General crop requires 115 to 140 days. Melons thrive best in a light, rich soil. Plant when the ground has become warm and dry, and danger from frost is past, in hills six feet apart each way, in well enriched soil, 12 to 15 seeds in each hill. After all danger of the bugs is over thin out to three plants per hill. One ounce will plant about 60 hills, three pounds per acre.

Extra Early Hackensack. Best early sort for market. Average weight 4 to 10 lbs. Flesh light green, of excellent flavor. One of the best as well as earliest and most prolific of Netted Musk Melons. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c postpaid.

Emerald Gem. Of excellent quality, and medium size. The white ribbed skin is perfectly smooth and of a deep emerald green color. The flesh is thick of a rich salmon color, very juicy and rich. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c postpaid.

Netted Nutmeg. We consider this the best variety for family use. Vines vigorous, hardy, productive; fruit round, slightly flat, ribbed, covered with coarse netting, flesh very thick, green and of finest flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c postpaid.

Admiral Togo. We have developed in the Admiral Togo a small musk melon with the very thick, orange flesh and splendid quality of the Defender and possessing the characteristic netting, shape, size and shipping quality of Rocky Ford. Combining all the good qualities the Admiral Togo is an ideal table and basket melon. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.35 postpaid.

Osage. One of the most profitable of all melons for market, of very uniform quality, it makes no difference what size the melons may be. Rind is thin, dark green and netted. Flesh is deep salmon, remarkably sweet, and of a spicy flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Paul Rose or Petoskey. A hybrid of the Osage and Netted Gem, combining the color and thickness of the former with the good flavor of the Gem. In solidity it is superior to any melon in existence. Ripens about ten days earlier than the Osage, is perfect as a basket melon for the shipping trade, and market. Rind is green, netted, flesh reddish salmon. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

Burrell Gem. This variety is of the same size and shape as the well known Rockyford, but the flesh is of a rich golden color. It is of most delicious flavor, seeming almost to melt in the mouth, still so solid as to be a desirable shipping sort. The melons average about $2\frac{1}{4}$ lbs. each. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00 postpaid.

Khiva or Winter Pineapple. Musk melon for Christmas dinner? You can have them from your own garden, if you plant the Khiva. It is the most delicately flavored winterkeeping melon. The flesh is whitish-green and very thick, rind is firm, of grayish-green color. Not real delicious until November or later. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Strawberry. A melon with the delicious flavor of the strawberry. Its smooth, deep flesh is salmon-red. The skin is green, turning yellowish when ripe. The fruits are of desirable size, weighing from 6 to 8 lbs. Pkt. 10c; oz. 25c.

Rocky Ford. Selected Stock. This fine variety is much sought after by hotels and restaurant keepers on account of its exceptionally fine flavor. The flesh is greenish-white in color, very juicy and rich. It is medium in size, of round oval form and an excellent keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

Hoodoo. One of the best market and shipping melons, and unsurpassed for the home garden. Nearly round, rind very tough. The melons average $1\frac{1}{2}$ lbs.; surface thickly netted; very solid and heavy.

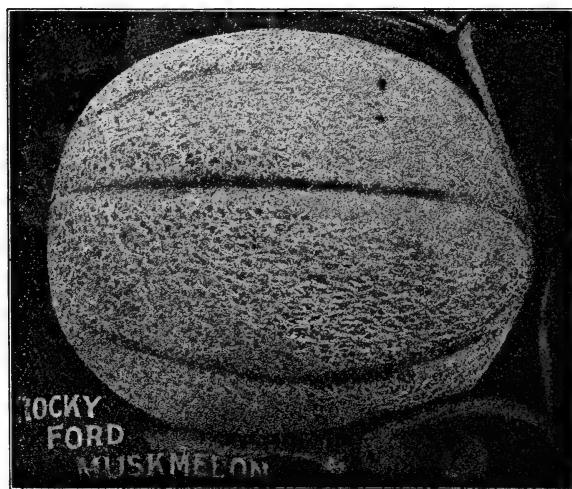
Flesh rich salmon colored, fine grained, of sweet delicious flavor. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25 postpaid.

Oklahoma Cantalope. Similar to the Rocky Ford, equal in flavor, but larger size. The vines are blight-proof and drought resisting. It certainly surpasses any one of the melon family in these two features, and for shipping or eating qualities it is unexcelled. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

European Mixed. This is a grand mixture of many rare European and African varieties, including such kinds as the Black Portugal, Apple Shaped, Winter Olive, Algerian, Turkistan and French melons. Try a packet and raise the largest and oddest variety of musk melons. Pkt. 10c.

Banana. Long, slim, banana-like fruit, cream color; flesh salmon, of rich flavor and delicious odor. Matures late and is a favorite for the home garden. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c postp'd.

Hungarian Pineapple. See Novelties. Pkt. 15c.



WATER MELON.

A light, sandy soil, with good exposure to the sun, is the best for water melons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. To get good, strong vines early in the season, form large, well drained hills of earth, made very rich, about eight feet apart. In these plant the seed as soon as the ground is warm and dry, dropping 6 to 10 seeds in the hill; protect the young plants from insects. One ounce to 30 hills, 3 lbs. to the acre.

Cole's Early. This is a very choice melon for the home garden, and can be grown farther north than any other variety. The flesh is bright red, crisp, and very delicate in texture, sweet and excellent in flavor. It is an abundant bearer of medium sized but very solid melons, with thin rind. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Sweet Heart. Fruit large, oval, very heavy, uniformly mottled light and dark green. Rind very thin but firm. Flesh bright red, solid, tender, melting and sweet. This melon is particularly fine for shipping to distant markets. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 55c postpaid.

Dixie. This desirable variety combines long keeping qualities with great productiveness, high flavor and freedom from stringiness. Color of skin dark green, striped with a lighter shade, making it very attractive; rind thin but tough; flesh bright scarlet, ripens closely to the rind. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c.

Pride of Nebraska. One of the best, sweetest, juiciest, most delicious melons in existence, and it is especially desirable for the family garden. Vine vigorous and productive; fruit of medium size, oval. The skin is dark green, faintly striped; flesh bright red and peculiarly rich, crisp and pleasant flavored. It ripens early, and is a long keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Kleckley's Sweet. Valuable for market and for family garden. Very productive and of attractive appearance. The fruit is oblong, color dark green, flesh deep red stringless, solid and very sweet with but few seeds set near the rind. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

McElver's Wonderful Sugar. This is becoming the most famous melon for sweetness and high quality. The fruits are long and of large size, averaging about 35 lbs. each. Rather light colored, irregularly striped and mottled with dark green. The rind is thin but tough, so that it is a good shipper. Flesh is delicate light red, entirely stringless, very tender, juicy and luscious. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 65c postpaid.

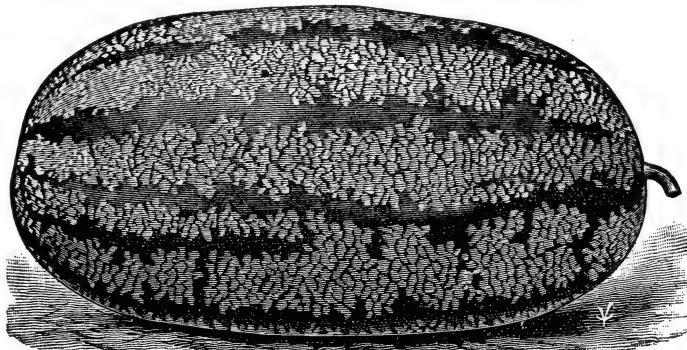
Kolb's Gem. Fruit of the largest size, slightly oval, marked with irregular stripes of dark green and very light green. Flesh bright red, extending to within half an inch of the rind, always solid, very firm, sweet and tender. An excellent keeper and shipper. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 45c postpaid.

Ice Cream. (WHITE SEEDED.) A medium sized variety of excellent quality. It is early and very productive. Being thin in rind it is not so well adapted for distant markets. Very sweet and sells readily in the market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.

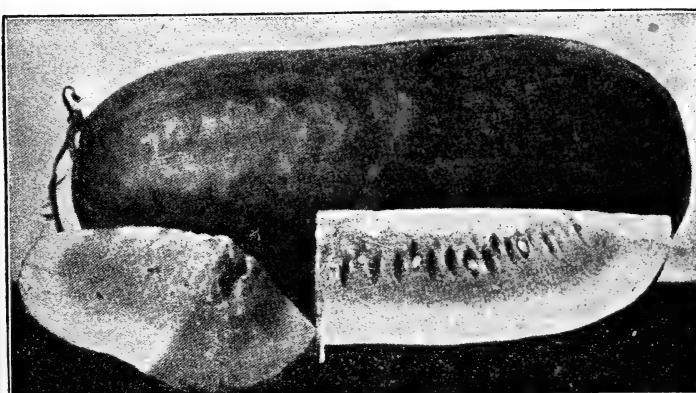
Iceberg or Blue Gem. Has a very firm, hard rind and is quite as good a shipper as the Kolb's Gem, but the flesh is much deeper colored, more tender and sweet. This variety is much the best dark colored shipping melon. An excellent keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.

Gypsy or Rattlesnake. An old standard variety which has become very popular of late years. It is of very large size, light green with dark stripes. A fine market variety and stands transportation well. Flesh bright scarlet and very sugary. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid.

Alabama Sweet. Excellent shipper and leading sort in the South. Early, large; rind dark green, mottled. Flesh bright red, firm, fine grained, sweet and luscious, entirely stringless. Highly to be recommended to large planters. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.



Wonderful Sugar.



Alabama Sweet.

Ruby Gold. A beautiful melon. Flesh golden yellow with star-like center of deep red. Large, oval, weighing 40 to 50 lbs. each. Very fine quality, absolutely coreless, juicy and sweet. Splendid for home garden. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.35 postp'd.

Hungarian Honey. One of the most delicious varieties known, of an almost honey-like sweetness. Round, dark green melons that will average about ten pounds each; flesh rich and melting. Extra early and fine for the Northern States. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Citron. For preserving; grows uniformly round and smooth. flesh white and solid. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c postp'd.



NEW AMERICAN CROP. ONION SEED

ONIONS.

A strong, deep, rich and loamy soil is most suitable for this crop. As early in the spring as the ground is in working order, harrow it thoroughly and make as fine and level as possible, sow thinly in drills one-fourth inch deep and fourteen inches apart. Keep the surface of the ground open and free from weeds, but do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill, 4 to 5 pounds to the acre. The onion seed crop turned out better this year and prices are ruling lower than for several years past. Get some of our excellent tested onion seed this year.

Yellow Globe Danvers. Well known as a leading market sort. Bulbs are of large size, very thick and of globular shape; flesh white, solid, and of good quality. The crop is uniform and ripens at one time. It is one of the best yielding varieties in existence. An excellent keeper. Our seed is of the very best selection. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.65 postpaid.

Danvers Yellow Flat or Large Strassburg. Similar to the Yellow Globe Danvers, except in shape. Ripens very quick, is a sure cropper and yields well. Of special value in localities where the seasons are short. Will stand drought well and is used to a large extent for growing onion sets. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50 postpaid.

Australian Brown. An early variety of globe shape which exceeds any other onion in keeping qualities. Will produce a fine crop of hard, solid onions, even in unfavorable seasons. The skin is light brown, flesh pure white and exceptionally mild. The bulbs will ripen evenly in all soils. Has given splendid results in our western states. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75 postpaid.

Extra Early Red Flat. One of the earliest medium sized onions. Uniform in shape and size, quite flat, of deep red color and mild flavor. An abundant yielder, ripens up hard and keeps well. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00 postpaid.

Large White Globe. A handsome, pure white variety of large size and globe shape. An enormous yielder and good keeper. The flesh is very fine grained, solid, of fine flavor and very mild. Sells readily in any market at a good price. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.75 postpaid.

Silver Skin or **White Portugal.** A large, flat onion of mild, pleasant flavor, fine for family use or for early market. A favorite with many for use when young as a bunching onion and for pickles. Ripens quickly and evenly. Is used to some extent for growing onion sets. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.

Extra Early Barletta. The very earliest onion in cultivation. They are of pure paper-white color, very mild and delicate in flavor. $1\frac{1}{2}$ inches in diameter, and $\frac{3}{4}$ of an inch in thickness. For table use and pickling it is most valuable, also excellent for bunching onions. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.85 postpaid.



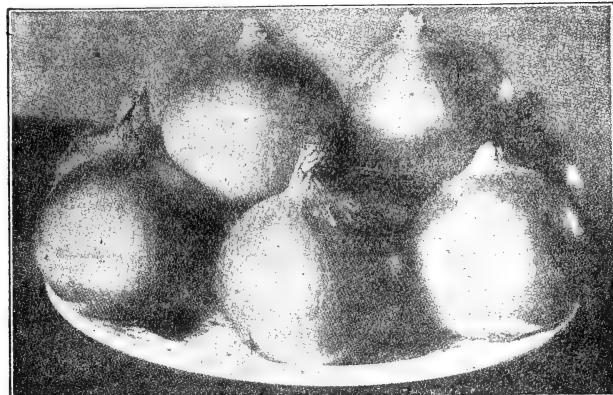
ONIONS.—Continued.

Earliest White Spring. Seed of this variety can be sown a month sooner in spring than other kinds and will produce good sized bulbs in a very short time. The bulbs are silvery-white, of fine flavor, rather strong. It is not a winter keeping onion. Seed may also be planted in the Fall. Pkt. 15c.

White Bermuda, True Teneriffe Grown. These are the first early onions which are shipped North in large quantities, both in Bermuda and our southern states. Our imported Teneriffe seed gives the best results. In our northern climate the bulbs are much smaller, but mature early, and retain much of the mild sweet flavor of the imported ones. The onions are pearly white, of flat shape and very mild. Unsurpassed for the home garden, in all parts of the country. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$3.00 postpaid.

New Crystal White Wax. Teneriffe Seed. This is a large pure white, flat onion. In the South, especially Texas, during the last few years it has become so popular that there has not been enough seed to meet the demand. A valuable variety also for the North. It grows to a good size very early and is the mildest and sweetest of all onions. It is the finest slicing onion for the home garden. True seed is very scarce. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.25 postpaid.

White Welsh Onion.—For Green Onions. The Welsh Onion does not form a bulb; but puts out many shoots, making it the best kind for "green onions." On account of the mild and sweet flavor it is superior to the green onions grown from sets. By sowing the seed of this onion one third the expense and trouble can be saved, and more green onions can be had than from sets. The plant is perennial. Sow either in spring or fall. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00 post'd.



Prizetaker.

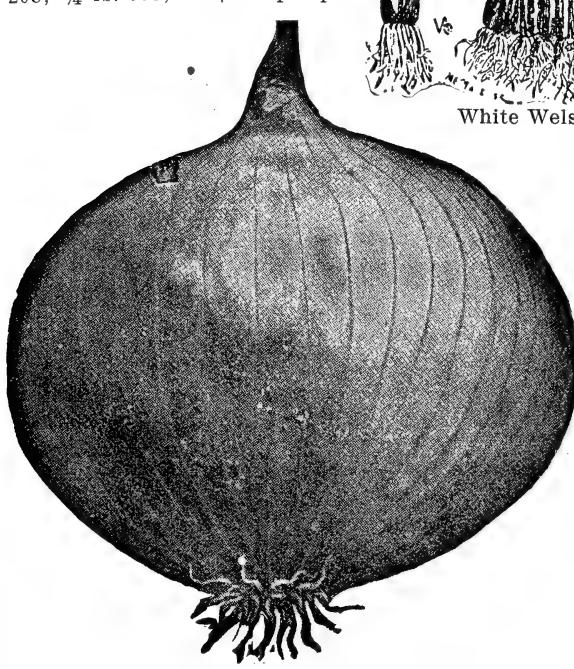
GIANT ONIONS.

Prizetaker. One of the largest onions in cultivation. Is of globular shape, with a bright straw colored skin, the necks are very thin and the bulbs always ripen up hard. An excellent keeper, of finest flavor, handsome shape and enormous size. In many instances single onions have been raised to weigh five pounds and over, from seed the first year. This variety is known to have produced 1200 bushels per acre. It is the same type as those big imported onions and always command a high price. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.85 postpaid.

Giant Zittau. The handsomest, large Yellow Globe Onion. Will outyield any other variety and is known to produce good average crops in off years, when other onions proved a failure. The bulbs are of uniform globular shape, very large, solid and heavy. The flesh is pure white, fine grained and of mild, agreeable flavor. It is the best keeper and an excellent onion for shipping. Will ripen medium early and very evenly in all soils. Has given splendid results in Oklahoma and New Mexico and in our western states in general. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00 post'd.



White Welsh.



Giant Zittau.

Mammoth Silver King. This mammoth sort is the largest of all white onions. It is of attractive form, flattened, but thick through. Single bulbs often attain weights of from $2\frac{1}{2}$ to 4 lbs. each. The skin is silvery white; so sweet and tender that it can be eaten raw like an apple. Matures early and is of uniformly large size and fine shape. Its handsome appearance recommend it for exhibitions at fairs, for the fancy market and home use. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75 postpaid.

Mammoth Pompeii or Copper King. Perhaps the largest of all onions. Have been grown to the enormous weight of five pounds and six ounces. Skin of copper-red color, flesh pure white, fine grained and mild. Notwithstanding their large size they retain their uniform and even shape and fine quality. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.15 postpaid.

Collection of Giant Onions. One packet each of PRIZETAKER, SILVER KING, GIANT ZITTAU and MAMMOTH POMPEII, for only 20c postpaid.



ONION SETS.

Indispensable for early onions for bunching, as in a very few weeks they are ready for the table. While it is much cheaper to grow onions from seed still it is considerable work to keep them weeded, and many of our customers who have only a small garden prefer to grow them from the sets, and gardeners plant sets for the early market. Our stock is carefully grown and very nice. Price by pt. and qt. include postage (deduct 10c per qt. if by express.) Price by the pk. or bu. is subject to market variation, and shipped at buyer's expense. Top sets are sold at 28 lbs. per bu. Other kinds 32 lbs. per bu. or stroke measure on all small lots. If you want a large lot write for prices.

White Bottom Sets. White onion sets grown from seed are the most popular and best for early use and large onions. Pt. 15c; qt. 25c postpaid; not prepaid, pk. 90c; bu. \$3.25.

Red Bottom Sets. Pt. 15c; qt. 25c postpaid; not prepaid, pk. 90c; bu. \$3.00.

Yellow Bottom Sets. Pt. 15c; qt. 25c postpaid; not prepaid, pk. 85c; bu. \$3.00.

Red Top or Button Sets. Still largely called for in some sections. Earliest of all. Pt. 20c; qt. 30c postpaid; not prepaid, pk. \$1.25; bu. \$4.25.

Shallots. Pt. 20c; qt. 30c postpaid. Not prepaid, pk. \$1.00; bu. \$3.75.

White Multiplier Sets. Pure silvery white; excellent quality, very early. Pt. 20c; qt. 35c postpaid; not prepaid, pk. \$1.15; bu. \$4.00.

Yellow Multiplier Sets. Pt. 20c; qt. 30c postpaid. Not prepaid, pk. \$1.00; bu. \$3.75.

Potato or Multiplier Sets. Early cropper; matures quickly; mild flavor. Pt. 20c; qt. 35c postpaid; not prepaid, pk. \$1.15; bu. \$4.00.

Perennial or Winter Sets. Also called Egyptian or Tree Onion. Produce the earliest spring onions without winter protection. Pt. 15c; qt. 25c postpaid; not prepaid, pk. 60c; bu. \$2.00.

OKRA OR GUMBO.

The young seed pods of this southern plant are used for the well known and delicious "Gumbo" soups; alone or with chicken. It's smooth glutinous taste is much liked. Probably the finest known vegetable for table use. Easy to grow. Plant in spring, as soon as danger of frost has passed. Plant in drills or hills, 18 to 24 in. apart, cultivate same as Corn. The pods can be dried for winter use.

White Velvet. Produces pods larger than any other. Never prickly to the touch, always round and smooth, while in other varieties they are ridged. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c postpaid.

PARSLEY.

One ounce to 150 feet drill. Soak the seeds a few hours in luke warm water and sow early in the spring in drills one foot apart. Thin out to four inches. A few seeds sown in onion rows use no space. To preserve in winter transplant to a light cellar or glass frames. Used for garnishing and seasoning.

Champion Moss Curled. The plant resembles a tuft of finely curled moss. leaves extra large and a rich deep green. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c postpaid.

Dwarf Perfection. Of highly decorative appearance and of fine delicate flavor. The plant is of dwarf, symmetrical form, 6 to 8 inches high and about 10 inches across. Leaves finely curled, light green. For market and home use a splendid sort; may be used as a border around flower beds. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 65c postpaid.

New Emerald. The plants are of compact growth; the leaves are of a handsome bright-green color, very finely crimped and curled. One of the finest for garnishing and flavoring. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.

Hamburg. Turnip rooted variety. The roots are used for flavoring soups, etc. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c postpaid.

PARSNIP.

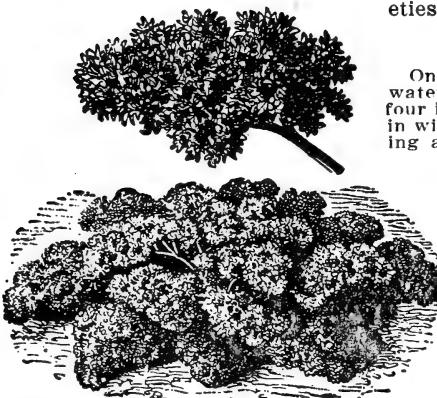
One ounce will sow 200 feet of drill; five lbs. for one acre. Sow early in the spring, in drills 15 inches apart, covering half an inch deep. When well up thin out to 5 or 6 inches apart in the rows. They are improved by frost; and it is usual to take up in the fall a certain quantity for winter use.

Improved Guernsey. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered and are very smooth, fine grained and of excellent quality. It is a heavy cropper. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postp'd.

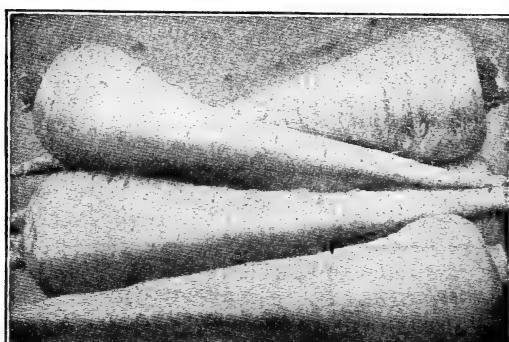
Hollow Crown or Long Smooth. Roots long, ending somewhat abruptly with a top root, best variety for general use. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 45c.



Okra.



Champion Moss Curled Parsley.



Guernsey Parsnip.

PEAS.

Peas mature earlier in a light, rich soil; for the general crop a moderately heavy soil is best. Commence sowing the early varieties as soon as the ground can be worked, continue for a succession every two weeks until June. It is a good plan to sow the early, second early, and late varieties at the same time for succession. One quart for 100 feet of drill; two or three bushels for an acre. The wrinkled varieties are more susceptible to cold wet weather than the small, round sorts, hence should not be planted very early. They are sweeter and better flavored. In comparing prices, please bear in mind that our prices are postage paid by us, on pints and quarts, and if ordering by express, purchaser may deduct 15c per quart from prices named. Peck and bushel rates by express or freight, purchaser paying charges. CROP VERY SHORT.

Alaska. A variety of remarkable earliness and hardiness. It is a good yielder and produces pods of good size and dark green color, which are well filled with round, smooth peas of splendid flavor. Height two feet. The color of the dried pea is green. It ripens very evenly, so that one picking will nearly clean off the crop. We advise our market gardeners to give this variety a trial. Ready for the table in forty-eight days. Pkt. 10c; $\frac{1}{2}$ pt. 15c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.00; pk. \$1.90 by express.



Alaska.

Bountiful. Very early and hardy. Of vigorous growth, $2\frac{1}{2}$ feet high, bearing a bountiful crop of large pods well filled with good sized peas. In quality unsurpassed by any other extra early sort. This splendid variety is a money maker for the market gardener and a very fine sort for the home garden. Will outyield the Alaska and be ready for the market at the same time. We can recommend it highly. Pkt. 10c; $\frac{1}{2}$ pt. 20c; qt. 60c postpaid. $\frac{1}{2}$ pk. \$1.25; pk. \$2.25.

First and Best. The standard extra early variety of smooth seeded peas, well known everywhere and largely planted by market gardeners and for home use. Pods are of good size and well filled with round, smooth peas of excellent flavor, ripening at one time, so that generally the entire crop may be gathered at one picking. Is very productive and hardy. Height of vine $2-2\frac{1}{2}$ feet. Ready for the table in fifty days. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. 95c; pk. \$1.75 by express.

Fillbasket. The vines are of strong, sturdy growth, $2\frac{1}{2}$ to 3 feet high, and of a decidedly branching character and bear an enormous crop of magnificent large, round pods, each containing eight to 12 peas of remarkable size and very rich and sugary flavor. It has been appropriately termed the "Fillbasket," on account of the extraordinary quality of large pods that it produces. It is unquestionably the very best large podded pea ever introduced. Finest second early pea for market and family garden. Ready for the table in fifty-five days. Pkt. 10c; $\frac{1}{2}$ pt. 15c; qt. 50c; $\frac{1}{2}$ pk. \$1.15; pk. \$2.00.

Extra Early Tom Thumb. An extremely early variety of superior merit. Vines dwarf, about 9 inches high, completely covered with an abundance of the finest well-filled pods. It is of such upright growth that it can be planted in rows 10 inches apart. Matures in 40 to 45 days and always is in great demand for the home garden, especially for the small city garden. Don't fail to include this variety in your order. Pkt. 10c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. 95c.

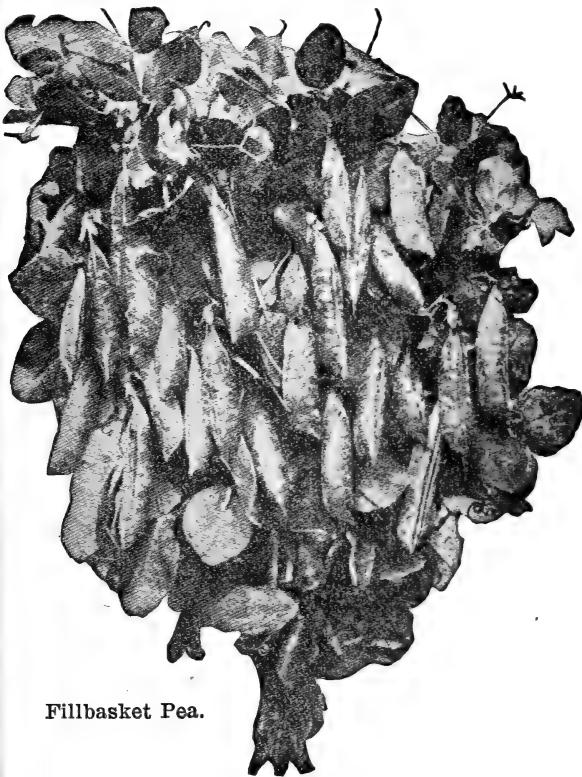
White Marrowfat. A very heavy yielding, late variety. Pods large and well filled. 3 to $3\frac{1}{2}$ feet high, robust grower. Pkt. 5c; $\frac{1}{2}$ pt. 10c; qt. 35c postpaid. $\frac{1}{2}$ pk. 60c; pk. \$1.00 by express.

Dwarf Gray Sugar. Edible pods. The most desirable and sweetest of all edible pod peas. The pods are of good size, crooked, and filled with six to eight peas of the finest flavor. To be recommended for the home garden and remarkable for its prolific yield. Height 15 inches, blossoms purple. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 45c postpaid. $\frac{1}{2}$ pk. \$1.00; pk. \$1.75.

Tall Gray Sugar. Edible pods. Height 4 to 5 feet. Produces abundantly large sized, brittle pods which are cooked like string beans; if used before they begin to ripen they are deliciously sweet and tender. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.00.

Mammoth German Sugar. Edible pods. The vines grow 4 to 5 feet high and bear great quantities of largest size pods, which are exceedingly sweet and tender. Do not fail to give this variety a trial. Pkt. 10c; $\frac{1}{2}$ pt. 20c; qt. 50c postpaid. $\frac{1}{2}$ peck \$1.25.

Canada Yellow Field Pea. Largely planted for foliage. Succeeds well most anywhere and is very prolific. The dry peas are of good size and excellent for cooking. $\frac{1}{2}$ pt. 10c; qt. 35c postpaid. $\frac{1}{2}$ pk. 60c; peck \$1.00.



Fillbasket Pea.

PEAS—Continued.

WRINKLED VARIETIES.

Notts Excelsior. This excellent dwarf wrinkled pea is of robust and vigorous growth and ripens with the extra early market sorts. The pods are about three inches long and each pod contains from 6 to 8 large peas, which are tender and of unusual fine flavor. Has become very popular in a few years. Height 15 inches. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.15; pk. \$2.00 by express.

American Wonder. A well known and very popular dwarf pea. Very prolific, with pods of good size. Matures early and is strictly a pea for the family garden, requiring no brush or support. Quality is the best. Height 10 inches. Ready for table in 55 days. Pkt. 10c; $\frac{1}{2}$ pt. 15c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.15; pk. \$2.00 by exp.

Surprise. The earliest of all the sweet, wrinkled peas. This remarkable new sort is a cross between American Wonder and Alaska, possessing the quality of American Wonder and the early season of the Alaska, although not quite so hardy as the later. The vines grow 24 inches high. The pods are good sized and well filled; the earliest good quality pea for the home garden. Ready for the table in 50 days. Pkt. 10c; $\frac{1}{2}$ pt. 20c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.15; pk. \$2.00.

Gradus of Prosperity. An early large podded wrinkled pea. The pods are a bright green color; and measure 4 inches in length, well filled with luscious peas, 8 to 10 or more in a pod. The peas are of highest quality and retain to a remarkable degree their attractive appearance after cooking. Height 2 $\frac{1}{2}$ feet. For the market and home garden one of the best varieties. Pkt. 10c; $\frac{1}{2}$ pt. 20c; pt. 30c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.15; pk. \$2.00 by exp.

Premium Gem. Ripens a little later than American Wonder, but generally a better yielder. Pods are 2 $\frac{1}{2}$ inches long and are well filled with wrinkled peas of finest quality. A grand variety for the home garden. Height 12 to 16 inches. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.15; pk. \$2.00 by express.

Everbearing. Splendid for second early and main crop; of special value for its continuity of bearing and heavy cropping. The pods are of large size, well filled with very large peas of superior

flavor. The vines are of robust growth and branching habit, producing new blossoms after repeated pickings. Height 20 to 24 inches. An ideal sort for the home garden. Pkt. 10c; $\frac{1}{2}$ pt. 20c; qt. 50c postpaid. $\frac{1}{2}$ pk. \$1.25; pk. \$2.25 by express.

Champion of England. An old standard sort that is still in great demand for main crop and late planting. Universally admitted to be one of the richest and best flavored peas grown. The vines are of vigorous growth and produce the large pods of luscious peas in the greatest abundance. Height 4 to 5 feet. Unexcelled for the home garden. Pkt. 5c; $\frac{1}{2}$ pt. 15c; qt. 40c postpaid. $\frac{1}{2}$ pk. 90c; pk. \$1.75.

PEPPER.

Sow in hotbed early in April and transplant to the open ground when the weather is favorable, in warm, mellow soil, in rows 18 inches apart. May also be sown in open ground when all danger of frost is past and the soil is warm. One ounce to 2,000 plants.

Chinese Giant. This variety is undoubtedly the largest Pepper in existence. The plant is of strong, vigorous growth, about 2 feet high, and a very prolific bearer. The Peppers are of a bright scarlet color when ripe. The flesh is quite thick, very mild and remarkably sweet. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25 postpaid.

ReINETTE. Mildest and sweetest of all peppers. So mild and aromatic is the flesh that the fruit can be eaten raw like an apple, and prepared like a salad. The habit of the plant is compact, of luxurious growth and produces in great quantities large fruits of beautiful dark red color. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.25.

Large Sweet Spanish. Bell-shaped. A very large sort of square form, thick and hard, less pungent than most other sorts. Ripens early. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c postpaid.

Red Cayenne. A long slim pod, and when ripe of a bright red color; extremely strong and pungent. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c postpaid.

Ruby King. The fruits are five to six inches long, by four inches thick, of a bright red color. Remarkably mild and pleasant in flavor. The best for making mangoes. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c postpaid.

Mammoth Golden Queen. Average a third larger than Ruby King. Eight to ten inches long. Bright waxy, golden yellow, and of mild flavor. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c postpaid.

Red Chili. Small fruits, three inches in length and about an inch in diameter. Bright red, very hot and fiery. Ripens early. Used for making Mexican Chili. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c postpaid.



Chinese Giant Pepper.

PUMPKIN.

Pumpkins are frequently planted in connection with a crop of corn, or as a second crop after early peas, etc. Plant in drills 8 to 12 feet apart, 1 ounce of seed for 25 hills; 3 to 4 lbs per acre. If planted with corn, 2 lbs will plant an acre. The fruits are very susceptible to frost, and therefore they should be gathered and stored in a cool, dry place early in the fall.

Tennessee Sweet Potato. There is no variety of pumpkin in cultivation that has given as great satisfaction as this. Hardy, productive; sweet and delicious, and one of the best for cooking purposes ever introduced. It is of medium size, of a white, creamy color, and has an excellent flavor; good keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Japanese Pie. Skin is deep green, with darker stripes, turning to yellow as fruit ripens; earlier than any other pumpkin; seeds marked with curious indentations. Flesh very thick, a rich salmon color, nearly solid, dry and sweet, making rich pies. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Large Sweet Cheese. Fruit flattened, skin cream color; flesh yellow, thick, very tender. Large, hardy and productive. Excellent for table use. Good keeper. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 55c.

Cushaw or Crookneck. Very productive, color light cream, sometimes lightly striped; flesh salmon colored, mealy, and sweet. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c postpaid.

King of Mammoths. This variety grows to an immense size, often weighing over 200 lbs. The flesh and skin are of a bright

golden yellow color. Flesh fine grained and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins and a splendid keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c postpaid.

Common Field. The well known old Connecticut Field Pumpkin. Best variety to plant with corn. Excellent dairy stock food. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c postpaid. By freight, 10 lbs. \$2.50.

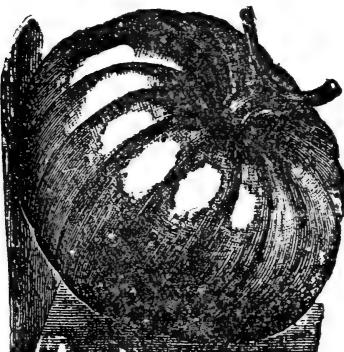
RHUBARB OR PIE PLANT.

Succeeds best in deep, rich soil. Sow in spring in drills, cover one inch. Thin plants to six inches apart. Transplant in autumn or spring to permanent beds three feet apart each way. One ounce will produce about 100 plants.

Linnaeus. The standard sort. Early and very tender. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

Giant. Very large, quite acid, of fine flavor. Extremely productive. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25 postpaid.

Rhubarb Roots. See description and price on page 30.



Large Cheese.

SALSIFY OR OYSTER PLANT.

Resembles a small parsnip, and when thinly sliced and cooked is a good substitute for oysters, having a very similar flavor. It succeeds best in a light rich soil. Sow early and quite deep, thin out and cultivate like carrots. Perfectly hardy, and may remain out all winter. For winter use store a quantity of the roots in the cellar. One ounce to 50 feet of drill.

Mammoth Sandwich Island. This Salsify grows to a large size, and is of superior quality. It is pure white in color, and is valuable to market gardeners. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.20 postpaid.

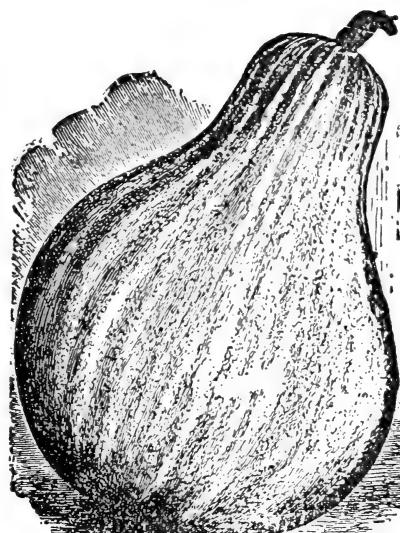
Wisconsin Golden. Like the Mammoth Sandwich Island, except that the roots have a yellow tinge. When prepared for the table, it is very tender, rich and delicious. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.45.

Scorzonera or Black Salsify. Considered the most nutritious vegetable grown. Although the skin is black, the flesh is white and very delicious when cooked. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50 postpaid.

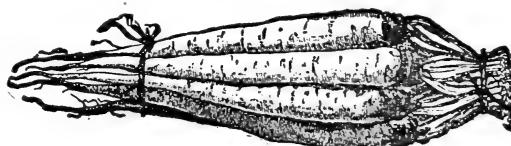
SWISS CHARD.

Sow seed early in the spring, in rows 16 inches apart; thin out to stand 6 inches apart in the rows. Additional seedings may be made up to July 15th.

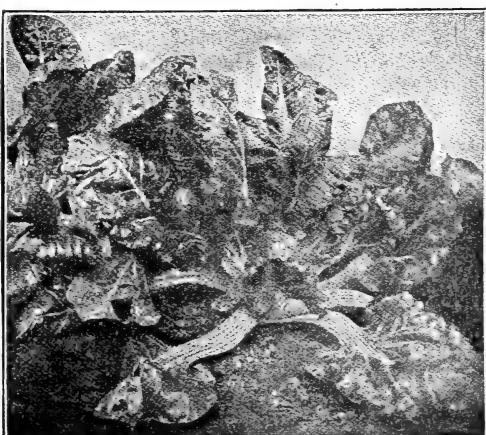
Also called "Silver Kale" or "Cut and Come Again Spinach." It is used for greens the same as Spinach and is of superior quality. It can be used all summer when spinach is not available. Later the leaves grow very large with broad, beautiful white stems and midribs, which may be cooked like asparagus. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.



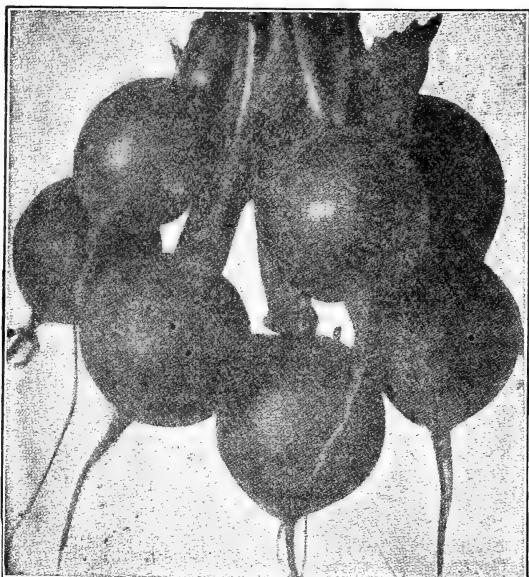
Tenn. Sweet Potato.



Sandwich Island Salsify.



Swiss Chard or Silver Kale.



Scarlet Globe.

shaped Radish, with a small top, and of very quick growth. An early variety of rich color, crisp and tender. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 55c postpaid.

Rosy Gem. Very desirable for forcing and outdoor planting. Tops and roots both small; skin bright scarlet, tipped white. One of the finest turnip-shaped Radishes. A favorite with all market gardeners. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Cincinnati Market. It is a long radish of light red color, white tipped, of uniform size. Extra early, with small tops. Equally good for forcing and home garden. The flesh is of transparent whiteness, always crisp, brittle and mild flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.

Early Long Scarlet Short Top. This is the standard variety for private garden and market use. It grows 6 to 7 in. long, half out of the ground. It is very brittle and crisp, and of quick growth; color bright scarlet. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 55c postpaid.

French Breakfast. Well known quick growing variety of oval shape. Bright scarlet tipped with white. Of medium size, crisp and tender. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 55c postpaid.

Chartier. The color of the top is crimson, running into pink about the middle, thence downward it

is pure waxy-white. It is very crisp, tender and of pleasant flavor, the best second early. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 55c postpaid.

White Globe. Of beautiful round form, pure white skin and flesh. It is very crisp, grows rapidly and withstands summer heat. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.



Rosy Gem.

Icicle. The best long white radish. Very early, with long, slender, pure white roots. The roots grow about 4 inches long, are of transparent whiteness, brittle, crisp and of mild flavor; tops very small. They will keep crisp and fresh for a long time. Equally desirable for home use and market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

White Munich. The radishes grow from 6 to 8 inches in length, broad at the shoulder, have a white, thin skin, are smooth and grow quickly; flavor mild and agreeable. One of the finest summer radishes. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

White Strasburg. A very desirable summer variety. Both skin and flesh pure white, firm and brittle, and of excellent quality. It grows to a large size, and holds its table qualities well. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c postpaid.

Crystal White. Splendid globe shaped radish of rapid growth and transparent white color. Of equal value for forcing and open ground culture. Matures quickly and is of uniform good quality, mild, crisp and tender. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

Mixed Radishes. In sowing these radishes the advantage is that one sowing will produce early, medium and late radishes of both long and turnip shape. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c postpaid.

RADISH.

One ounce will sow 100 feet of drill, 8 to 10 lbs. per acre. For first crop sow as early in the spring as the ground can be worked, and every two weeks throughout the season, for succession. A warm, sandy loam, made rich and light by strong manure is the best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August.

Early Scarlet Globe. A very desirable and popular sort for the garden and for forcing. Extra early, brilliant scarlet, nearly globe shaped and remarkably crisp and tender. It forms small tops and will stand a great amount of heat without becoming pithy. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.

Ne Plus Ultra. An extra early sort especially adapted for forcing, being ready for market in 20 days. Round and bright scarlet; very small tops; quality the best. A favorite with market gardeners. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Crimson Globe. This variety is suitable both for forcing or early planting out of doors. A remarkable feature of this Radish is that it will grow double the size of other round red forcing Radishes and still remain solid. In shape this new Radish is round to oval. The flesh is mild and tender, and we recommend it to our customers as one of the best in its class, having found it to be such in our extensive trials of Radishes. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c postpaid.

Early Scarlet Turnip. A small round, red turnip-



Icicle.

WINTER RADISH.

Long Black Spanish. One of the latest and hardiest. Roots oblong, black, of very large size and firm texture. Somewhat sharp in taste; best keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c postpaid.

Rose China. One of the best fall and winter varieties, a favorite with market gardeners; bright rose color, flesh white, firm and of superior quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.

California Mammoth White. Pure white. The flesh is tender and crisp; will keep perfectly well through the winter. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

SQUASH.

Any good enriched soil is adapted to the growing of the Squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm. Plant in hills, the early sorts 4 to 6 feet apart, the late varieties 8 to 12 feet. Thin out to three plants in the hill. Keep the earth about the plants loose and free from weeds. One oz. for 25 hills, three to four pounds per acre.

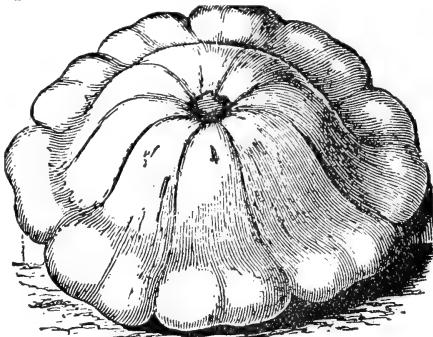
Early White Bush. This is the well known White Pattypan Squash. The earliest to mature, very productive, light cream colored. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.

Golden Summer Crookneck. A small crooked neck summer squash, skin bright yellow, covered with warty excrescences. Very early, productive and of excellent flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.

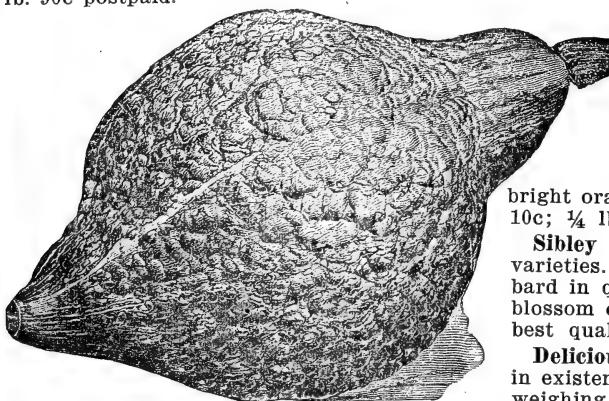
Warty Hubbard. We consider this the ideal type of the Hubbard Squash. It is the best of all winter sorts, and sells at sight in all markets. Very dark green, shell extremely hard and warty. Flesh is dry, sweet and of the finest flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c postpaid.

Hubbard. Well known standard winter squash. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Golden Hubbard. This is a very distinct sort, of the shape and general character of the Hubbard, but a little smaller, earlier to mature, and of a rich orange red color, instead of the dark olive green of the Hubbard. The flesh is a little deeper colored and fully as good quality. Packet 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c postpaid.



Early White Bush.



Warty Hubbard.

orange color, fine grained, sweet and dry. Like the Hubbard, it is at its best in the winter. Packet 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

SPINACH.

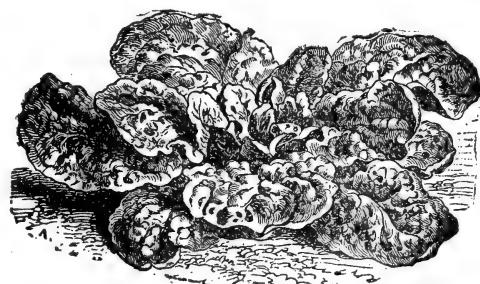
One ounce will sow 100 feet of drill; 10 lbs. per acre. Select rich well drained soil, sow in drills one foot apart and one inch deep, or it may be sown broadcast at the rate of 30 lbs. per acre. For spring and summer use make first sowing early in the spring and continue at intervals of two or three weeks, until the middle of June; sow in August and September for early spring use, and protect with a covering of straw during severe weather. Many gardeners use Spinach as a catch crop, obtaining quick results where otherwise land would be idle. The investment is small and the returns generally large.

Victoria. The foliage is heavy, the broad dark green leaves being of the true Savoy appearance, and are of the finest quality. It is in prime condition from 2 to 3 weeks after other varieties have run to seed. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 35c postpaid.

Round Leaved. The most popular with our market gardeners, leaves large, thick and fleshy, excellent for fall sowing, being very hardy. Oz. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c postpaid.

Long Standing. An improved strain of excellent merit, having all the good qualities of the ordinary sorts; and especially desirable because it is much later in going to seed. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 35c postpaid.

New Zealand. This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities, where the ordinary spinach does badly. Plant is very large, with thick, fleshy leaves of very fine flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 85c postpaid.



Victoria Spinach.

TOMATO.



Kansas Standard.

Early Minnesota. This is considered the earliest of all tomatoes. Vines vigorous, producing smooth fruits of fair size, good shape and dark red color. Valuable for extreme northern sections. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00 postpaid.

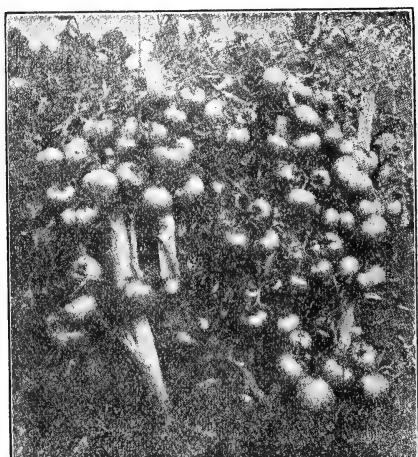
Peerless. There is no better variety for the home garden. Being very hardy, of great productivity, good size and fine flavor it certainly is the finest all-round tomato. Ripens early, the fruits grow in clusters, are very smooth, even in size, and of purplish-red color. Flesh solid and of excellent quality. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Atlantic Prize. An excellent early variety that will average with the medium and late sorts, both in size and shape. It is large, smooth, bright red, one of the most profitable for the market gardener to grow. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00 postpaid.

Beauty. Vines large, vigorous and heavy bearers. Fruit large, uniform in size, very smooth, excellent flavor, color glossy crimson-purplish. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00 postpaid.

Improved Trophy. One of the best, fruit large, smooth, of very deep red color, and good flavor. Well known and largely planted. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75 postpaid.

Dwarf Champion. Its habit of growth is not only dwarf and compact, but the stem being thick, stiff and short jointed, it is almost self-supporting when laden with fruit. It is early, of a purplish pink color; smooth, symmetrical, solid, and of fine quality. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.



Matchless.

One ounce of seed for 2000 plants. Well manured, light sandy soil is the best. For early plants sow seed in boxes or hotbeds in March. When the plants are about two inches high, transplant to four inches apart each way. Set out of doors as soon as danger from frost is over. Transplant carefully four feet apart each way, and cultivate well as long as vines will permit. To obtain early fruit pinch off the ends of the branches when the first fruit is set. Our seed stock is of the very best selection.

New Coreless. See color plate on back cover and description of this valuable tomato on page 8. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Kansas Standard. This excellent variety is of very rapid, vigorous growth, with strong, heavy stalks which stand up well. Attains a height of $2\frac{1}{2}$ to 3 feet. Fruit is produced in clusters of 4 to 5 tomatoes; color bright red; shape round, slightly flattened, perfectly smooth; meat solid and thick, of excellent flavor. Is of good size, fine for shipping, and a first rate keeper. Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 85c postpaid.

Sparks' Earliana. Extremely early, of large size and beautiful bright red color. Its solidity and fine quality are equal to the best late sorts. The plants are very compact, with stout, jointed branches. It is enormously productive. Fruit is even in form and always smooth, very fleshy, solid and excellent for shipping purposes. For market and for home use the best early tomato. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Chalk's Early Jewel. Within a week as early as the famous Sparks' Earliana, it is even a heavier cropper. Large handsome fruits, very solid, deep through, being almost round, or ball-shaped. Color brightest scarlet, ripening right up to the stem without any cracks or green core. Flesh thick, bright scarlet, solid, with comparatively few seeds, and of sweet flavor; skin thin, but sufficiently strong to make it a good shipper. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50 postpaid.



Spark's Earliana.

Red Peach. The fruit is of uniform size, resembling a peach in shape, size and color. It is a profuse bearer until killed by frost and has an agreeable, very fine mild flavor. It is desirable for eating from the hand, as well as for canning. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Matchless. Unsurpassed for market and table, a splendid shipper and keeper. Fruit large, of rich cardinal red color, free from core. Less liable to crack in wet weather than any other large tomato. The plant is a strong grower, is very productive, bearing well until frost. It is without doubt the very best main crop tomato. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.25 postpaid.

New Stone. It ripens for main crop, is very large and of bright scarlet color, very smooth, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed. Is an excellent shipper. Quality is of the very best. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.25 postpaid.

Wisconsin Golden Glory. A very fine yellow tomato of northern origin. In every respect an equal to the best red sorts. Ripens early, is of good size and excellent quality. Flesh very thick, solid, fine grained and of fine flavor. Heavy yielder and withstands rot well. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c.

TOMATO.—Continued.

New Globe. Extra good all round sort, of distinct globe shape. Among the earliest in ripening. The fruits are of large size, and a good marketable size is retained throughout the season; always smooth, of firm flesh and has few seeds; ripens evenly; color a fine glossy rose, tinged with purple. It is the heaviest yielding and finest flavored of all Tomatoes. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.75 postpaid.

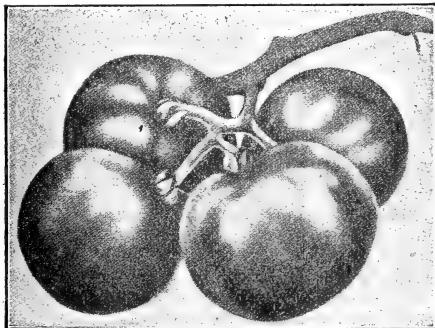
Paragon. Many gardeners, canners and catsup makers will grow no other. An immense cropper, medium in season, and no variety holds its size better late in season. Fruit large solid, well colored and of fine flavor. Color glossy deep red. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.85 postpaid.

Golden Queen. Best large yellow variety; much like Paragon, except in color. The superior flavor of the large yellow varieties is bringing them into favor as tablefruit. Ripens very evenly, fruit is smooth, of good size and fine flavor. Fine for the home garden and a good yielder. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25 postpaid.

Crimson Cushion. (Beefsteak.) The best climbing tomato. Can be grown on trellises and in a small space. Fruit is very large, of deep red color and excellent flavor. The plants are very productive. Fine for the home garden. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00 postpaid.

Acme. Vine hardy and productive. Fruit in clusters of four to five; round, smooth and of good size; flesh solid and of excellent flavor. Color reddish-purple. Ripens early. There is no better variety for market gardeners who want an early purple fruited sort. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.00 postp'd.

Ponderosa. This is the largest-fruited Tomato and is of fine quality. The vines are of strong growth; fruits largely oblong in form, deep through, and generally ridged; deep purple in color. They are solidly fleshy with small seed cells; of fine sweet flavor. One fruit often weighs a pound or more. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.25 postpaid.



Acme.



PEAR SHAPED TOMATO.

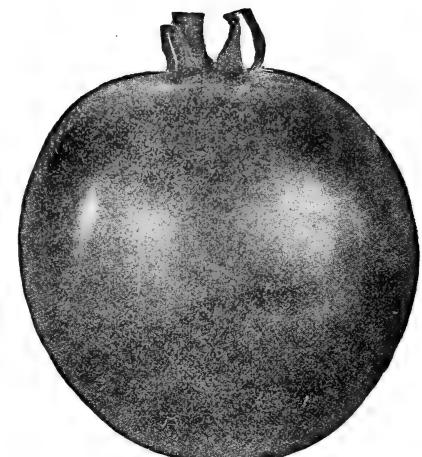
sirable for table use or stock. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid; 5 lbs. not prepaid for \$1.65.

Early Snowball. A globe-shaped, white-skinned turnip, very fine grained, firm and of delicate flavor. One of best keeping of white fleshed sorts, very early and particularly adapted for family or market use. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Early White Flat Dutch. A most excellent early garden variety and largely used in the Southern States. Roots medium sized, flat, color white; very early, sweet and tender. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid.

Golden Ball. One of the best and sweetest yellow fleshed turnips. Not of large size, but firm, hard and of most excellent flavor. Keeps well; excellent quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c postpaid.

Cow Horn. This variety is carrot-like in form, growing nearly half out of the ground. It is delicate and well flavored, of very rapid growth. Excellent for fall and early winter use. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid.



New Globe.

SMALL TOMATOES.

Excellent for Pickles and Preserves.

New Everbearing. See Novelties. Pkt. 10c.

Yellow Pear Shaped. Bright yellow, distinctly pear shaped, of rich flavor. Pkt. 5c; oz. 25c.

Yellow Plum. Plum shaped, clear, deep yellow, fine flavor. Pkt. 5c; oz. 25c.

Red Cherry. About five-eighths of an inch in diameter, borne in clusters. Pkt. 5c; oz. 20c postpaid.

Red Plum. Plum shaped, rich red color, excellent quality. Pkt. 5c; oz. 15c.

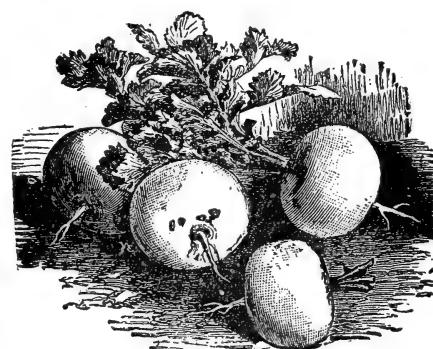
Husk or Strawberry. Ground Cherry. Fruit golden yellow, size of a cherry. The fruits are each enclosed in a husk. Of excellent flavor. Pkt. 5c; $\frac{1}{2}$ oz. 20c; oz. 30c.

TURNIP.

One ounce will sow 125 feet of drill. Two lbs. per acre in drills, three lbs. broadcast. Turnips do best in a highly enriched, sandy or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to 6 or 8 inches in rows. For late or main crop, sow in July and August.

Purple Top Strap Leaved. Superior for early or late planting. Round, flat, good sized, small top with but few leaves; flesh very fine grained. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 45c postpaid; 5 lbs. not prepaid \$1.50.

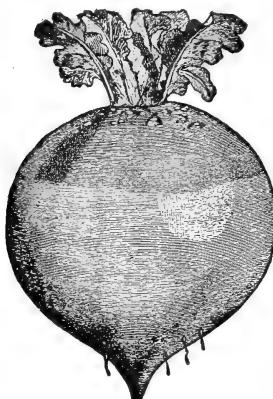
Purple Top Globe. Similar to Strap Leaved, except shape. The largest yielder of any turnip on the list. Delightful.



Snowball Turnip.

TURNIPS.—Continued.

Extra Early Purple Top Milan. The earliest in cultivation. Of medium size, quite smooth, with a bright purple top; leaves few and short. The flesh is of choicest quality, solid and fine grained. An excellent keeper. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.



Rutabaga.

For feeding stock in fall or winter there is nothing superior to turnips and rutabagas as they are liked by all kinds of stock and keep them in good condition.

Purple Top Yellow. Is considered the best yellow fleshed variety. Hardy and productive; good shape, very solid, best quality, keeps well. Fine for table and for stock. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid.

Sweet German. Flesh pure white and very sweet; grows to a large size, good keeper. Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 50c postpaid.

White Russian. One of the finest Rutabagas, a heavy yielder and very hardy. Keeps in good condition until late in spring. Quality very good, sweet and tender. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 60c postpaid.

TOBACCO.

Once ounce will sow about 25 square feet and produce plants for one acre. This is a paying crop and will do well in this state. The following varieties have been thoroughly tested in this climate. Early in the spring burn a brush pile on the ground to be used for seed bed. Then thoroughly pulverize the soil, digging and mixing in the ashes. Sow seeds shallow. When plants are 6 inches high transplant into rows 4 feet apart.

Connecticut Seed Leaf. Best adapted to the climate of the Middle and Northern states. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c postpaid.

White Burley. Largely grown for the manufacture of fine cut and plug. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Havana. Well known large leaved variety. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c postpaid.

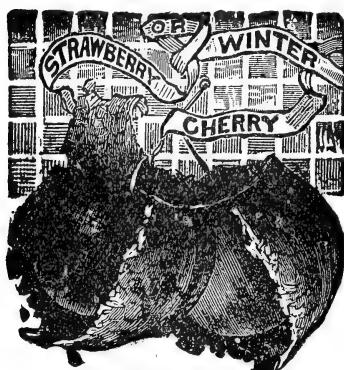
Miscellaneous Vegetables.

ALPINE EVERBEARING STRAWBERRY.

These grow freely from seed and fruit the first summer. In March or April sow seed under glass, and in May transplant to the open ground. By the first of July they commence blooming, and the first fruit ripens about the 15th of that month. From that time there is ripe fruit continually until late in October. The berries, while not so large as the garden varieties, are much higher flavored. A few of them will perfume a whole room, so great is their delicious aroma. Perfectly hardy. Can be grown in pots in the house very easily. Pkt. 10c; 3 for 25c.

GARDEN HUCKLEBERRY. (*Solanum Nigrum*.)

Also called Wonderberry. This new fruit can be grown from seed the first year and produces berries about as large as an average sized gooseberry. The color is jet black, and when cooked is very palatable Mr. Wm. Daniel of Sandusky, O. writes:—"For canning, preserving, and pies, they are excellent, finely flavored and can not be surpassed by any other berry. This berry needs very little sugar to sweeten it and no other berry is as productive and profitable." Plant seed in a box or pan in early spring, and when danger of frost is over plant out 2x4 ft. Cultivate same as tomatoes. They grow easily everywhere and are immensely productive. The ripe berries make better pies, jelly and sauce than the wild huckleberry. For winter use take up just before frost, store where they wont freeze and delicious fresh fruit can be picked all winter. Pkt. 10c; 3 pkts. for 25c.



Ground Cherry.



Garden Huckleberry.

GROUND CHERRY.

Yellow Husk Tomato. (Strawberry or Winter Cherry Tomato). Plants are of low, spreading habit, and grow well on any good garden soil, even on dry sandy ground. Are easily raised in any locality, and immensely productive; the fruit is simply delicious. For sauce and pies they are excellent. Can be used as preserves, and when dried in sugar are much better than raisins for cake and puddings, and they will keep, in the shuck, if kept in a cool place nearly all winter. With the addition of lemon juice it is frequently preserved like plums as well as stewed and served like cranberries. Directions for preserving sent with each packet. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c.

LENTILS.

Used in oriental countries as principal article of diet. Splendid for soups and also used extensively for pigeon food. Cultivate same as peas. Large pkt. 5c; lb. 25c postpaid.

MISCELLANEOUS SEEDS.

GARDEN LEMON.

Fruit is of shape shown in our engraving, is somewhat smaller than Vine Peach, which it resembles in growth, but has thinner flesh, and is decidedly more acid, thus dispensing with the sliced lemons which are so important in putting up the Vine Peach. Directions for cooking with each packet. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

MUSHROOMS.

The ease and certainty with which a crop of mushrooms can be grown to perfection in any ordinary house, cellar, woodshed or barn, and the astonishing success of so many who have taken up this new industry both for profit and their own use, induces us to call special attention to the subject. The great luxury can be enjoyed by all at a trifling expenditure of money, time and labor. We recommend our English mushroom spawn as generally better both for the market gardener and private planter. Book, "How to Grow Mushrooms," 10c.

Improved English Spawn. This is grown by special culture from large perfect heads and then pressed into bricks weighing about $1\frac{1}{2}$ lbs. each. Per brick 40c postpaid. By express or freight, 5 lbs. 75c; 10 lbs. \$1.35.

ORNAMENTAL MICE.

Is a native of Central Africa, having a small, neat growing vine, and bears numerous oval fruits, clear green in color, which are always completely covered with long, light green spines or hairs. Nice for pickling.

CATERPILLARS. Prostrate creeping plants with small flowers changing into "Vegetable Caterpillars."—**SNAILS.** Another singular variety having most oddly twisted seed pods resembling snails.—**WORMS.** Curiously formed fruits of odd shapes. Above varieties mixed, packet 10c.

PEANUTS.

Can be grown as far north as S. D., and every one should plant at least a few for the children.

Mammoth Virginia. The most profitable to grow, easily cultivated. Very erect stems and upright foliage, and the largest pods and kernels of any variety. The vines make valuable forage. Plant in drills four feet apart, placing nuts 6 inches apart. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1b. 30c postpaid. By freight or express, 1b. 20c; 5 lbs. 90c.

Spanish. The earliest variety grown; pods are small, but remarkably solid and well filled. Plant in drills 3 feet apart, placing nuts 8 to 10 inches apart. Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1b. 35c postpaid. By freight or express; 1b. 25c; 5 lbs. \$1.00.

POMEGRANATE.

An ornamental little fruit which a century ago was commonly grown in the gardens, but is now rarely seen. Grows on a pretty vine. Fruit is round, of a bright yellow, irregularly striped with orange red or mahogany; very fragrant; a single specimen will sweetly perfume a room for many days. The fruit, served with sugar, makes a dainty dessert. Pkt. 5c; oz. 25c.

POTATO SEED.

Hybridized potato seed from the flower boll (the true seed). It is from such seed that the choice new varieties of potatoes are originated. The result is interesting and often very profitable. Packet 10c; 3 packets for 25c.

ROSELLE.

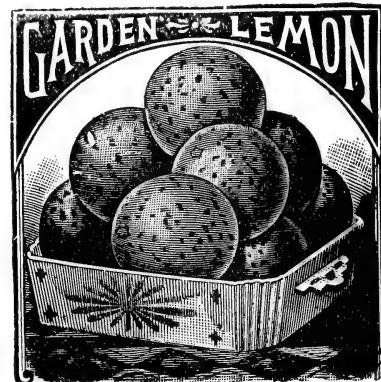
The Lemonade Plant of Queensland. The fruit resembles the scarlet podded okra, and is used for making jelly and jam. It is easily grown from seed, grows rapidly and resists drought. It is a very ornamental plant and also of great food value, warranting more extended cultivation. Packet 10c; oz. 35c.

VINE PEACH.

The vine on which they are borne is somewhat similar to the muskmelon vine, and requires the same cultivation. The fruit is about the size of a large peach, oval shaped, and of a bright orange yellow color, somewhat russeted. For sweet pickles, pies or preserving they are superb. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c postp'd.

FENUGREEK.

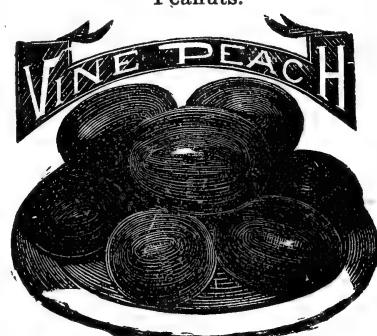
Annual. This seed is much sought by hostlers to give temporary fire and vigor to their horses. It is frequently given to oxen and pigs when fattening, causing them to drink and digest their food. Good for soiling when green. Ounce 10c; 1b. 45c postpaid.



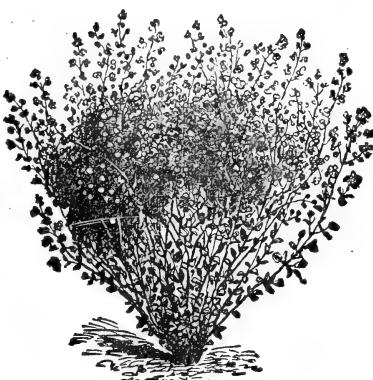
Mushrooms.



Peanuts.



AROMATIC, SWEET, POT AND MEDICINAL HERBS.



Marjoram.

Caraway. Seeds are used for flavoring bread, pastry, meats, etc.; also used in confectionery and medicine. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Chamomile. A great medicinal herb. Much used for the well known chamomile tea. Pkt. 10c.

Castor Oil Plant. The seeds yield castor oil. Packet 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.

Chervil. Leaves used for garnishing and flavoring; also for salads. Packet 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

Fennel. Leaves used for garnishing, seeds for flavoring. The leaves boiled are used in fish sauces. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

Horehound. Leaves used for flavoring. Also used in the manufacture of cough remedies. Pkt. 5c; oz. 20c.

Lavender. An aromatic, medicinal herb, but the plant is chiefly grown for its flowers, which are used in the making of perfumes. The dried leaves, put up in paper bags, are used to perfume linen and to keep out moths. Pkt. 5c; oz. 20c.

Marjoram, Sweet. Used for flavoring. The leaves and the shoots may be dried for winter use. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

Opium Poppy. Medicinal herb. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

Peppermint. The leaves and stems are used for flavoring and in cool drinks. 25 seeds 10c; 100 seeds 25c.

Rosemary. Leaves are used for seasoning. The oil from the flowers is used in perfumery. Packet 5c; oz. 25c.

Rue. Medicinal. Good for fowls for the croup. Packet 5c; oz. 15c.

Saffron. Used for coloring and flavoring. Packet 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

Sorrell, Large Leaved. For boiling "greens" or used as salad. Cook like spinach. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

Summer Savory. The plant is aromatic. The leaves and young shoots are used for flavoring, especially with boiled string beans, also used for dressing. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c postpaid.



Garlic.

Herbs in general, delight in rich mellow soil. Sow early in the spring in shallow drills one foot apart; when up a few inches thin out to proper distance or transplant. Some of them have very fine seed, and it is only necessary, after the seed is sown to press the ground with a board. For flavoring fruits, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter the stalks should be cut on a dry day, when not quite in full bloom. They should then be dried quickly in the shade, and when dry be packed closely in boxes, with the air entirely excluded.

Anise. Used for garnishing, seasoning, and for cordials. The seeds have an agreeable, aromatic taste. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

Arnica. Tincture of arnica is made from it. Packet 10c.

Artemesia. (Mugworth.) For flavoring stews, roasts, etc. Packet 10c.

Balm. The leaves are used for making balm wine, a pleasant beverage; also for tea, used in fevers. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

Basil, Sweet. The leaves are used for flavoring soups, stews, etc., also for garnishing. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

Borage. Leaves used for salads. Flowers excellent for bees. The lower spikes can be used in cool drinks. Flowers very aromatic. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

Chives. Used for seasoning. Onion flavor. Packet 5c; $\frac{1}{2}$ oz. 30c; oz. 50c.

Coriander. Seeds are aromatic. Used for flavoring and in the manufacture of liquor and confectionery. Leaves used for garnishing. Packet 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 60c postpaid.

Dill. Leaves and seeds are used for flavoring soups, sauces, preserves and pickles. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



Summer Savory.

Sage. Leaves used for seasoning and dressing, also in medicine. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

Tansy. Leaves used for tea and in bitters. Pkt. 5c; oz. 25c.

Tarragon. Highly valued for seasoning and culinary purposes. Packet 10c.

Valerian. For medicinal purposes. Pkt. 10c.

Sweet Woodruff. For flavoring wine. The well known ingredient of the German "Maitrank." Packet 10c.

Thyme. A medicinal and culinary herb. Young leaves and tops are used for soups, dressing and sauce, either green or dry. Thyme tea is a cure for nervous headache. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c.

Wormwood. Medicinal herb. Beneficial for poultry, and should be planted in every poultry yard. Packet 5c; ounce 20c.

Winter Thyme. True Winter or Perennial. Is used same as Thyme. Packet 10c.

GARLIC.

The garlic is the most pungent of all the onion family. The root or bulb is composed of many small bulbs called "cloves," which are planted in the spring six to eight inches apart, and in August the bulbs are ready to gather. Large bulbs, $\frac{1}{2}$ lb. 20c; lb. 35c postpaid.

FLOWER SEEDS.

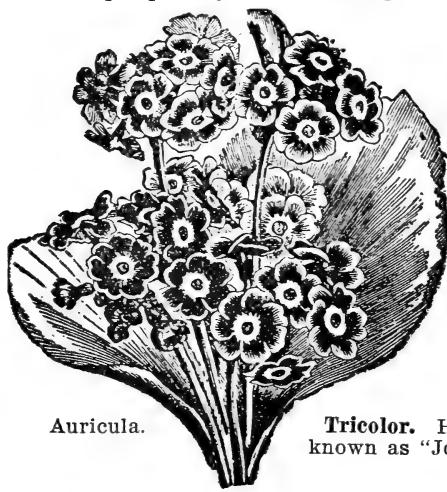
On the pages following we offer the best varieties of choice Flower Seeds. Our seeds are fresh and of unsurpassed quality, grown by the best growers in this country and Europe. Quality is always our first consideration. There is no space so small that there is not room for a few of these beautiful flowers, and with a small outlay, a succession and abundance of bloom can be obtained. Our packets contain a liberal quantity of seed, more than is generally sent out by other firms.

Annuals bloom and ripen seed the first year and then perish. They are marked "A" after name.

Perennials continue flowering several years in succession. Many of them bloom the first year. They are marked "P" after name.

Cultural directions given on all packets. Notice our list of Novelties on Pink Sheets.

Purchasers may select flower seeds IN PACKETS ONLY, to the amount of \$1.25 for \$1.00. This discount does not apply to collections of seeds, nor to seeds by weight or measure. All flower seeds are sent postpaid by mail on receipt of price.



Auricula.

AQUILEGIA. P. (Columbine.)

True Rocky Mountain. Colorado's emblem flower. Free flowering; for permanent borders, etc. Blossoms light blue. Pkt. 10c.

Single and Double Mixed. Many different varieties. All colors mixed. Packet 5c; $\frac{1}{4}$ oz. 10c.

ARABIS. A.

Alpina. (Snow in Summer.) Very early white spring-flower. Dwarf, fine for edging. Quite fragrant. Should be in every garden. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

ARCTOTIS GRANDIS. A.

African Lilac Daisy. A new flower; 3 inches across, showy, pure white on upper surface, and reverse side of petals pale lilac blue. Blooms abundantly all summer. Pkt. 10c; 3 for 25c.

ARMERIA. P.

Mountain Pink. Flowers grow in large tufts, rosy-pink. Beautiful for edging. Packet 10c.

AURICULA. P.

A well known favorite of great beauty. Flowers are of a great many very lovely shades and sweet scented. Seed saved from splendid mixed varieties. Half hardy perennial, 6 inches high. Packet 10c.

ABRONIA. A.
Grandiflora. Flowers rosy lilac, sweet scented. Does well in light soil. For beds, borders and hanging baskets. Packet 5c.

AGERATUM. A.
Blue. Very pretty sky-blue flowers. Nice for borders. Packet 5c; $\frac{1}{4}$ oz. 10c.

ALYSSUM. A.
Sweet. Flowers white, fragrant. Easily grown in boxes, vases and in beds. Used extensively as a border plant. Packet 3c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Carpet of Snow. Of dwarf, dense growth, completely covered with snow white flowers. Will bloom all summer. Nice for borders. Pkt. 5c; $\frac{1}{2}$ oz. 25c.

AMARANTHUS. A.
Caudatus. (Love Lies Bleeding.) Very large, handsome, drooping flower spikes of blood red color. 3 feet. Pkt. 5c.

Tricolor. Handsome foliage plant. Leaves yellow, red and green. Well known as "Joseph's Coat." 3 feet high. Packet 5c.

ANTIRRHINUM. A. (Snapdragon.)

These plants do not receive the attention they deserve. Undoubtedly one of the best cut flowers; can easily be grown from seed, and for beds and borders they are excellent.

Giant Flowered. Flowers very large and fragrant, produced in long spikes all summer. Pkt. 10c; $\frac{1}{8}$ ounce 20c.

Dwarf Mixed. Plants grow about 1 foot high. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

Tall Mixed. Plants grow 2 feet high. Packet 3c; $\frac{1}{4}$ oz. 15c.

ASPERULA. A.

Aurea. Fragrant, light blue flowers. Thrive well in shady places. Pkt. 4c; $\frac{1}{2}$ oz. 10c.



Alyssum, Carpet of Snow.



Comet Aster.

BALSAM. A. (Lady Slipper.)

One of the most beautiful of our annuals. Flowers are brilliantly colored; very large and double. Balsams like rich soil and a sunny location.

Camelia Flowered. Very double, extra large flowers of rich color. Finest mixed. Packet 5c; $\frac{1}{4}$ oz. 25c.

Double White. Flowers are extremely double, very large, of true Camelia shape. Pkt. 10c.

Rose Flowered. Splendid Rose-like flowers of brilliant colors. Packet 5c; $\frac{1}{4}$ oz. 25c.

Dwarf Double Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

Tall Carnation Flowered. Flowers are large, double and beautifully striped. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

Nightblooming Balsam. (Nycterinia.) Flowers single, pure white, omitting a strong delicious heliotrope-perfume after sundown. Should be in every garden. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

Everblooming Balsam. (Impatiens Holstii.) Flowers single, very large, brilliant vermillion color. In bloom from June until frost. Pkt. 10c.

CALLIOPSIS. A.

One of the showiest of garden flowers, covered with hundreds of flowers from July to October. Is of easiest culture. Grows 2 feet high. Fine cut flower.

Golden Wave. Plants very bushy and compact. 2 feet high. Flowers beautiful golden yellow with dark center. Pkt. 5c; $\frac{1}{4}$ oz. 10c.

Golden Ray. Bright, showy flowers of rich purplish-brown, turning golden yellow toward the end of each petal. Plants grow about 8 inches high, of compact bushy habit and are extremely profuse bloomers. Packet. 10c; $\frac{1}{4}$ oz. 20c.

Hybrida Superba. These pretty plants form dense bushes and are covered the entire summer with their beautiful flowers in all shades of yellow and brown. For groups, borders and pots and also as cut-flowers, they are most desirable. Pkt. 10c; 3 pkts. 25c.

Finest Mixed. Packet 5c; $\frac{1}{2}$ oz. 10c.

Double Mixed. Fine double flowers, free bloomer. Grow 15 inches high. Choice varieties. Pkt. 5c; $\frac{1}{4}$ oz. 10c.

CAMPANULA. P.

Canterbury Bells. Hardy perennial favorites, bearing large bell shaped flowers in profusion. Grows best in light sandy soil.

Double Mixed. All sorts and colors. Packet 5c; $\frac{1}{2}$ oz. 15c.

Single Mixed. Many colors. Pkt. 5c; $\frac{1}{2}$ oz. 10c.

Cup and Saucer. The beautiful, bell-shaped flowers are nearly 4 in. across, in form of a saucer. Mixed. Pkt. 5c; $\frac{1}{2}$ oz. 20c.

ASTERS. A.

Unikum. Pure white, large flowers, gracefully curled and twisted. Very fine. Pkt. 10c.

White Giant Comet or Poodle Aster. The handsomest of the tall asters. Resembling Japanese Chrysanthemums. Pkt. 10c.

Comet or Branching. Flowers large, very double, borne on long stems. Best for cut flowers. Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 30c.

Hohenzollern. The finest of the large flowered Asters. Larger than Giant Comet, the petals longer, more curled. Blooms very abundantly on long stems. Finest cut flower. Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Ideal Everblooming. This new aster produces more good cut flowers than any other kind. The plant, 18 inches high, is in bloom from August to the end of September. Pkt. 10c.

Paeony Flowered. Plants 18 to 20 inches high. Flowers large, extra double. Mixed colors. Pkt. 5c; $\frac{1}{2}$ oz. 20c.

Victoria. Magnificent sort, 20 inches high, free bloomer, very double; colors distinct and brilliant. Finest mixed. Pkt. 10c; $\frac{1}{2}$ oz. 30c.

Dwarf Chrysanthemum. The finest of all dwarf asters; with large, beautiful flowers in brilliant colors. Mixed. Pkt. 5c; $\frac{1}{2}$ oz. 25c.

German Quilled or Japanese Needle Aster. Nice double flowers, very free blooming. Mixed colors. Pkt. 5c; $\frac{1}{2}$ oz. 15c.

Many Kinds Mixed. Very superior. Pkt. 5c; $\frac{1}{2}$ oz. 20c.

Single Flowering. True China Aster. Finest assortment of colors. Packet 5c; $\frac{1}{2}$ oz. 20c.

Perennial. P. Hardy Alpine Aster. Single flowering, hardy herbaceous plants. If sown early will flower first season. The flowers are beautiful. Mixed. Pkt. 10c.

BRACHYCOME. A.

Swan River Daisy. Of dwarf growth, very free flowering. Covered with a profusion of pretty flowers nearly all summer. Suitable for edging, small beds or pot culture. Pkt. 5c; $\frac{1}{2}$ oz. 15c.

BUTTERFLY PLANT. A.

Commelinia. Plants are of graceful, trailing habit, superb for carpet bedding. In pots it blooms every day in the year. In the garden from May until frost, showing daily scores of large wrinkled butterfly-like blossoms. Color, the most beautiful blue. Thrives in sun or shade, wet or dry, rich or poor soil. Blooms in 50 days from seed. Pkt. 10c.

CALCEOLARIA. P.

Produces a mass of beautiful pocket like flowers. Universal favorite for house culture and conservatory. Finest mixed. Pkt. 20c.

CALENDULA. A.

Will grow in any soil and bloom all summer. Excellent for bouquets and vases. One foot high. Mixed colors. Pkt. 5c; $\frac{1}{2}$ oz. 10c.



Balsam.

CANDITUFT. A.

Hardy annuals, grow in any soil, and bloom all summer.

Dwarf Empress. Plants grow about 8 in. high, covered with extra large pure white flowers. Fine for solid beds and edging. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

All Colors Mixed. Pkt. 3c; $\frac{1}{2}$ oz. 10c.

White Rocket. Large white flowers. Pkt. 5c; $\frac{1}{2}$ oz. 10c.

CANNA. A.

Stately plants of luxuriant and tropical appearance. Easily grown from seed. Will bloom first year.

Large Flowering Mixed. Pkt. 5c; oz. 25c.

Madame Crozy. Dark leaved varieties. Pkt. 5c; oz. 25c.

CHOCOLATE FLOWER. A.

Plant grows $2\frac{1}{2}$ feet high and bears numerous long stemmed flowers of a peculiar chocolate brown color and sweet odor. Fine cut flower. In bloom July to Oct. Pkt. 10c.

CHRYSANTHEMUM. A.

These hardy annuals are showy and effective border plants, extensively grown for cut flowers.

Double and Single Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 10c.

Perennial. Chinese and Japanese varieties. Will bloom in fall from seed sown in March. Flowers large, very double. Packet 10c.

Maximum. P. Moonpenny or Ox-Eyed Daisy.

A free blooming, hardy perennial, two feet high, covered with large, single, pure white flowers. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

CARNATION. P.

Well known flowers for house and garden culture. Flowers are large and fragrant. Our seed is unsurpassed.

Double German. Finest mixed. Sweet scented, double, large flowering sorts. Best for house culture. Pkt. 10c.

Everblooming French. Flowers large, very double, deliciously sweet, and of rich color. Bloom in four months from seed. Pkt. 10c.

Scarlet Grenadin. The best carnation for the garden. Flowers double, large, rich scarlet. Will live through the winter with little protection. Packet 10c.

Marguerite. For garden and house culture. The beautiful, fragrant, flowers are in bloom in four months after time of seeding. Blooms nearly all the time. Mixed colors. Packet 5c.

CLEOME PUNGENS. A.

A splendid honey plant that is in bloom every day of the season, whether the weather be hot or cold, wet or dry. Pkt. 5c; $\frac{1}{2}$ oz. 25c; oz. 45c.

CERINTHE. A.

Wax Plant. Beautiful and easily grown annuals. Excellent bee plant. Pkt. 5c; oz. 15c.

CINERARIA. P.

Very showy plants for pot culture. Large, beautiful flowers. The extreme grace and elegance of the plant and flowers make them effective for home decoration. Packet 15c.



Carnation,
Double German.

CENTAUREA. A.

Also called Bachelor's Button, Blue Bottle, Ragged Sailor, Corn Flower. Old favorite garden annuals, flowering freely in any situation.

Mixed. Many varieties mixed. Pkt. 3c; $\frac{1}{2}$ oz. 10c; oz. 15c.

Americana. Grows 3 feet high. Large, ball-like flowers of heliotrope color; very fragrant. Valuable for cut flowers. Packet 10c.

Emperor. Lovely dark blue flowers. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 15c.

Double. Beautiful double flowers of many lovely shades. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Gymnocarpa. (Dusty Miller.) Finely cut, silver-white leaves. Showy foliage plants for borders; $1\frac{1}{2}$ feet high. Packet 5c; $\frac{1}{2}$ oz. 25c.

Marguerita. Large, pure-white flowers, sweet scented. Fine for cutting. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

Imperialis or Sweet Sultan. Large, beautiful flowers. Packet 5c; $\frac{1}{2}$ oz. 15c.

COLEUS. A.

Handsome foliage plant, easily grown from seed. Leaves large and rich in color. Two feet high. Finest Mixed. Packet 5c.

COSMOS. A.

Grows and blooms with greatest freedom in any soil. Flowers dainty, of brilliant colors, carried on long slender stems. Foliage feathery and very pretty. Extra fine for cut flowers.

Early Flowering. Many varieties mixed. Will bloom from July to Nov. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

Giants of California. Flowers very large and beautiful. Start the seed early. Finest mixed. Packet 5c; $\frac{1}{4}$ oz. 15c.

Mammoth Fancy. Large flowers in exquisite shades. Packet 10c.

COXCOMB OR CELOSIA. A.

Handsome garden and pot plants, bearing large combs of crimson, pink or golden striped color.

Dwarf Mixed. Splendid mixture of dwarf sorts. Pkt. 5c; $\frac{1}{8}$ oz. 20c.

DAHLIA. P.

Can easily be raised from seed and will bloom profusely the first year. One of the best late summer flowering plants.

Cactus Flowered. Splendid mixed. Pkt. 10c.

Double Mixed. Large flowering double varieties, all colors. Packet 5c.

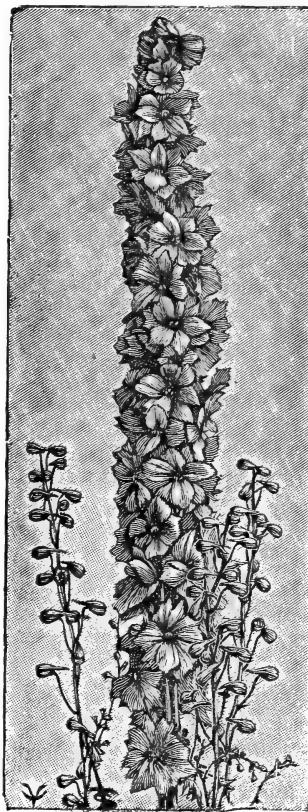
Single Mixed. They produce flowers of large size in greatest abundance. Packet 5c; $\frac{1}{4}$ oz. 10c.

DATUBA. A.

Trumpet Flower. Large, trumpet shaped flowers, very showy. Easy culture. Pkt. 5c; $\frac{1}{4}$ oz. 15c.



Cosmos.



Delphinium.

Grass Pinks. P. The delicately fringed flowers are fragrant and fine for bouquets. Pkt. 5c.

Erfurt Clove Pinks. P. The plants are of dwarf growth, perfectly hardy, and produce immense quantities of lovely, clove-scented flowers. Packet 10c.

DIGITALIS OR FOXGLOVE. P.

Beautiful for shrubberies or along shaded walks or drives. It thrives in sun or partial shade, is of easy cultivation, comes readily from seed. The long flower stems are loaded with pretty flowers of delicate and varied shades. 3 to 4 feet high. Blooms from June to September. All colors mixed. Packet 5c; 1/4 oz. 15c.

EDELWEISS. P.

Gnaphalium. The true and famous Edelweiss of the Alps. Flowers star-shaped, downy, and silver-white. Packet 10c.

ESCHOLTZIA. A.

Or California Poppies. Showy summer blooming plants, bearing a profusion of richly colored flowers.

Double Mixed. Pretty double flowers, white, rose and yellow. Mixed, packet 5c; 1/2 oz. 15c.

California. Large yellow flowers. Packet 3c; oz. 15c.

Golden West. Extra large flowers of bright yellow and orange. Packet 10c; 1/4 oz. 20c.

Bush Escholtzia. Very beautiful plant, forming a nice bush, covered with large, cup-shaped flowers 3 inches across, on long stems. The color is bright yellow. The cut flowers keep in water for two weeks. Packet 10c; 1/4 oz. 20c.

FORGETMENOT. P.

(*Myosotis*.) Neat and beautiful little plants, with star-like flowers. Succeeding best in a moist situation.

Alpestris. Lovely sky blue flowers. Packet 5c.

Palustris. The true water Forgetmenot. Blooms continuously. Packet 10c.

DELPHINIUM OR LARKSPUR.

These hardy annuals are of great beauty in borders or among shrubs. The long flower spikes appear in greatest profusion.

Dwarf Hyacinth Flowered. The plant grows 2 to 3 feet high; the flower spikes resemble a double Hyacinth. Colors are brilliant and delicate. Finest mixture. Packet 5c; 1/4 oz. 15c.

Double Tall Mixed. Produces freely long, slender flower spikes of great beauty. Plants 3 to 4 feet high. Packet 5c; 1/4 oz. 10c.

Perennial Larkspur. Hardy perennial plants with brilliant flower spikes that are strikingly effective. Finest mixture double and single flowering. Packet 5c; 1/4 oz. 15c.

Zalil. P. Flowers bright yellow. One of the most beautiful perennials. Flowers resemble the finest orchids. Packet 10c.

DIANTHUS OR PINKS. A.

For beautiful and lasting cut flowers, ease of culture, and freedom of bloom, these hardy Garden Pinks have no superior among annuals. Have long been a favorite garden flower everywhere.

Wonderful. Japanese variety with large single flowers, the petals of which are deeply cut and fringed. All colors. Packet 10c.

Count Kerchove. Beautiful new Pink with large, full flowers of dark blood red color. Blooms profusely and a long season. Pkt. 10c.

Imperial Chinese. Double flowers of great beauty and rich colors. Best mixture. Packet 5c; 1/2 oz. 25c.

Lacinatus. Flowers are large, very double and finely fringed. Pkt. 5c; 1/4 oz. 25c.

Hedgewigii. Large double flowers. One of the most showy of all pinks. Mixed colors. Packet 5c; 1/4 oz. 25c.

Mourning Cloak. The large, double, almost black flowers, have a clear white, fringed edge. Packet 5c; 1/4 oz. 25c.

Snowball. Flowers double, very large, often 3 inches in diameter, resembling a pure white carnation. Packet 10c.

Hedgewigii, Giant Single. Immense flowers of strikingly pretty colors. Mixed. Packet 10c; 1/4 oz. 25c.

Star Pinks. Beautiful, star-shaped, pure white flowers. Plants grow only 10 inches high. Excellent for edgings. Profuse bloomer. Pkt. 10c.

Deltoides. P. Maiden Pinks. Pretty little flowers of deep red color. Plant of dwarf, creeping habit. Fine for borders and massing. Packet 5c; 1/4 oz. 20c.

DOUBLE DAISIES. P.

Will bloom the first summer and continue to bloom for years, with slight protection during the winter. Very pretty, and deserve to be grown much more than they are.

Giant Snowball. Flowers large, double, snow-white, on long stems. Free flowering. Pkt. 10c.

Finest Mixed. Assortment of various kinds and colors. Packet 5c.

Burbank's Giant Shasta. Flowers very large and graceful, pure white, single, and grow on long, stiff, wiry stems. Packet 10c.

DWARF MORNING GLORY.

Convolvulus. A. This is one of the plants that should be better known. Grows easily and rapidly from seed, and the plants are covered with flowers the entire season. One foot high. Mixed. Packet 5c; oz. 15c.



Single Dianthus.

FOUR O'CLOCKS. A.

Also called *Mirabilis* and *Marvel of Peru*.

Dwarf Mixed. Many colors. Packet 5c; oz. 15c.

Sweet Scented. Flowers white, very fragrant. Packet 5c; oz. 25c.

FUCHSIA. P.

Well known house plant. Blooms the first year from seed. Double and single mixed. Packet 20c.

GAILLARDIA. P.

Undoubtedly one of the choicest of hardy perennials. Flowers are large, very numerous and fine for cutting.

Finest Mixed. Brilliant shades of orange, crimson, scarlet and vermillion. Packet 5c; $\frac{1}{4}$ oz. 15c.

Double Annual. The large double flowers are round as a ball, in the most varied colors. Nice for bouquets. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

GODETIA. A.

Of easiest culture. The flowers are of handsome shape, brilliant in color and are produced in marvelous profusion. Tall mixed. Packet 5c; $\frac{1}{4}$ oz. 10c.

GOLD FLOWER. A.

Heterospermum. Flowers golden yellow. The plants bloom continually from June until frost, commencing four weeks after sowing. Packet 10c.

GYPSOPHILA. A.

Also called *Angel's Breath* and *Baby's Breath*. This plant thrives everywhere and furnishes the loveliest material for all kinds of bouquets. Pkt. 3c; $\frac{1}{2}$ oz. 10c.

Helianthus. See *Sunflower*.

HELIOTROPE. P.

A great favorite with everybody. Flowers very pretty and of delightful fragrance. A splendid bedding plant as well as suitable for house culture. Seed sown in February or March will produce large, flowering plants the first summer.

Finest Mixed. Bloom from seed the first summer. Pkt. 5c; $\frac{1}{8}$ oz. 25c.

New mammoth. A grand variety producing immense clusters of fragrant flowers. Pkt. 10c.

HUNNEMANIA. A.

Very beautiful plant forming a nice bush, covered with a great profusion of large cup-shaped flowers 3 in. across, on long stems. Color bright yellow. The cut flowers keep in water for two weeks. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

ICE PLANT. A.

Will do best on dry, sandy soil. Of dwarf habit; flowers white, wax-like and frosted. For rock work and hanging baskets. Pkt. 5c; $\frac{1}{4}$ oz. 15c.



Gaillardia.

GRASS PINKS. P.

Hardy Scotch Pinks. The delicately fringed flowers are bright in color and very attractive. Adapted for beds and borders. Spicy odor; in bloom all the time. Fine cut flowers. Pkt. 5c.

HOLLYHOCK. P.

One of the most majestic of hardy plants. For planting among shrubbery or forming a background for other flowers it is without an equal.

Double Mixed. A fine mixture of double sorts. Packet 5c; $\frac{1}{4}$ oz. 20c.

Chater's Extra Double. Flowers large and very double. Finest strain obtainable. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

Annual Everblooming. A strain of quick blooming hollyhocks. Seed sown in March will produce plants that bloom in July and continue until frost. Flowers are double, semidouble and single. Mixed colors. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

IMPATIENS HOLSTII. A.

It forms elegant bushes, $1\frac{1}{2}$ to 2 ft. high. The flowers measure $1\frac{1}{2}$ in. across and are of a brilliant vermillion color. Sown in March the seedlings may be planted out end of May and will be continuously in bloom from June until frost. Pkt. 10c.

KENILWORTH IVY. P.

Linaria. A charming little plant for baskets, vases, pots, etc. Flowers in shades of lavender and purple. Pkt. 10c.

LANTANA. P.

Desirable bedding plant, constantly in bloom. Verbena-like heads. Also suitable for pot culture, for hanging baskets and vases. Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 10c.

LEMON VERBENA. P.

Every garden should have a few of these fragrant plants. Grows easily from seed and makes a nice pot plant. Packet 10c.

LILY OF THE VALLEY. P.

A sweet little plant thriving in any common soil; it will do well in shady situations where few other plants will grow, and bloom profusely. Flowers bell shaped, white and fragrant. Packet 10c.

LINUM PERENNE. P.

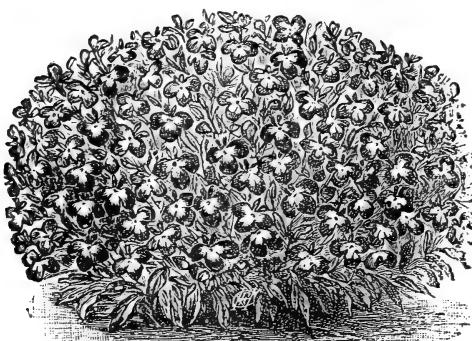
Beautiful hardy perennial, producing bright blue flowers the entire summer. Packet 5c; ounce 20c.

LINUM. A.

Scarlet Flax. An effective and showy bedding plant, Foliage is finely cut and flowers are brilliant scarlet. Packet 5c; oz. 15c.



Grass Pinks.



Lobelia, Crystal Palace.

MARIGOLD. A.

Free flowering old favorites of easy culture. Well adapted for large beds and mixed borders.

Dwarf French. Double mixed. Pkt. 3c; $\frac{1}{2}$ oz. 15c.

Tall African. Large double flowers 2½ feet high. Mixed. Pkt. 5c; $\frac{1}{2}$ oz. 15c.

Cross of Honor. Plants grow 9 in. high and bloom until late fall. Flowers single, rich golden yellow, with a large spot of velvety brown. Pkt. 5c; $\frac{1}{2}$ oz. 15c.

Sweet Scented. Large, beautiful flowers. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

MIGNONETTE. A.

A well known fragrant favorite. No garden is complete without a bed of Mignonette. Also suitable for pot culture. Should be watered freely until plants are several inches high.

Sweet Scented. The old sweet scented variety. Pkt. 3c; oz. 10c.

Golden Queen. Flowers yellow, very sweet. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

Giant White. Long white flower spikes; produced in great abundance. Packet 5c; $\frac{1}{2}$ oz. 15c.

MIMOSA. A.

(Sensitive Plant.) Curious and interesting plants. The leaves close and droop when touched or shaken. Flowers red; 1½ ft. high. Pkt. 5c.

MIMULUS. P.

Showy, profuse flowering plants for shady situations or house, blooming the first year from seed. One foot high.

Tigrinus or Monkey Flower. Mixed spotted varieties. Pkt. 5c.

Moschatus or Musk Plant. Of dwarf, somewhat creeping habit. Flowers yellow, have strong musk fragrance. Packet 5c.

DWARF NASTURTIUMS.

These may well be classed among our most beautiful and showy annuals. They are of very easy culture, and make a continuous show of bloom.

Dwarf Chameleon. Bears flowers of various colors on one and the same plant. Packet 5c; oz. 15c; $\frac{1}{4}$ lb. 45c.

Dwarf Golden King. Dark foliage; bright golden yellow flowers. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

King of Tom Thumbs. Deep scarlet flowers. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

Dwarf Mixed. Pkt. 3c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

Dwarf Ivy Leaved. New sorts in finest mixture. Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c.

CLIMBING NASTURTIUMS.

Mignonette.

Tall Chameleon. This beautiful new variety produces various colored flowers on the same plant. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

King Theodore. Flowers rich deep crimson, dark leaves. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

Tall Ivy Leaved. Finest assortment of Ivy Leaved varieties. Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Lobb's Climbing. A grand free flowering variety. Very showy and rich colored flowers. Finest mixed. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

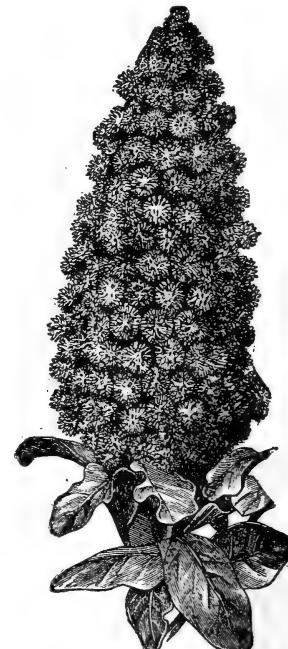
Tall Mixed. A nice mixture of many bright colors. Pkt. 3c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

NIGELLA. A.

(Love in a Mist or Devil in a Bush.) A compact free flowering plant with finely cut foliage and curious looking flowers and seed pods. 1 foot high. Packet 5c; $\frac{1}{2}$ oz. 10c; oz. 15c.



Nasturtium.



NICOTIANA. A. (Tobacco Plant.)

Affinis. This plant grows to a height of $2\frac{1}{2}$ feet and produces an abundance of large, pure white flowers of delicious fragrance. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

Sanderae. Will thrive anywhere and produce lovely flowers, carmine-red color from summer to late autumn. Pkt. 10c.

Sanderae, New Hybrids. Easily cultivated and free growing plant that will thrive in any soil, either in pots, boxes or in the open ground. Grows about 2 ft. high. Mixed. Pkt. 10c.

NYCTERINIA. A.

Night Blooming Balsam. Of dwarf growth. Flowers single, pure white, emitting a strong delicious heliotrope-perfume after sundown. Should be in every garden. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

OENOTHERA. A.

Evening Primrose. Neat plants, with large, saucer-shaped flowers, white or golden-yellow; open at dusk; emit a delightful perfume. Packet 5c.

PALMS. P.

Nice stately palms are comparatively easy to grow from seed. Directions for culture on each packet.

Latania Borbonica. This is the typical palm with large fan-like leaves. The finest of all palms. Pkt. of 10 seeds 10c.

Chamarops Excelsa. One of the best plants for house culture. Packet containing 12 seeds 10c.

Phoenix. Beautiful specimen for house culture. Pkt. 10 seeds 10c.

Washingtonia. The fan-shaped leaves are fringed with long thread-like filaments. Stands neglect well. Packet of 12 seeds 10c.

Cyperus. The well known Umbrella Palm. Packet of about 60 seeds 5c.

PENTSTEMON. P.

Large flowering very attractive plant much used in hardy borders. Forms large and beautiful flower spikes. Height 2 to 3 feet. Mixed Hybrids. Packet 10c.

PENTSTEMON. A.

Large flowering annual varieties. Very best kind in splendid mixture. Packet 5c.

PERILLA. A.

An elegant foliage plant of easiest culture. Leaves dark purple. 2 ft. high. Pkt. 5c; $\frac{1}{2}$ oz. 15c.

Striped and Blotched. Very free flowering. Fine for bedding and window boxes. Packet 5c; $\frac{1}{4}$ oz. 20c.

Norma. Beautiful bedding Petunia forming compact bushes covered with numerous blue flowers, each one showing a white star. In Bloom all summer. Packet 15c.

Good Mixed. Many colors mixed. Pkt. 5c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

PHACELIA. A.

A charming annual of spreading habit, growing 2 to 3 ft. high. Flowers purplish-blue, very pretty. In bloom until fall and of easiest culture. Splendid bee food. Packet 5c; oz. 10c.

PRIMULAS. A.

Chinese Primrose. One of our most important winter blooming pot plants, in bloom almost all winter. Mixed. Pkt. 15c.

Primula Obconica. Everblooming Primrose. Splendid for pot culture and also for the open border in summer. Flowers single, in shades of lavender, pink and red. Packet 15c.

Primula Auricula. Garden Primrose. A well known favorite. Sweet scented. Mixed. Packet 10c.

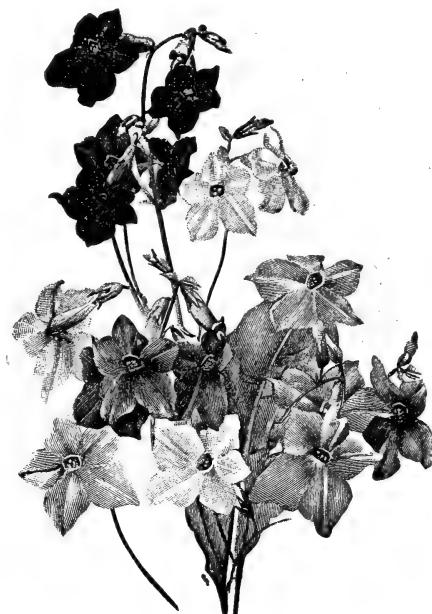
Primula Vulgaris. Hardy English Garden Primrose. Flowers lovely canary yellow and of sweet fragrance. Packet 10c.

PYRETHRUM. P.

Handsome herbaceous plants of easy culture. Very popular.

Golden Feather. Beautiful golden leaved foliage plant; for borders and ribbon beds. 6 inches high; half hardy perennial. Packet 5c.

Hybridum. Beautiful hardy perennials blooming in May and June. Large, aster-like flowers in many shades. Always in demand for bouquets. Single and double mixed. Packet 10c.



Nicotiana Sanderae Hybrids.

PETUNIA. A.

For bedding, edging or house culture few plants equal the Petunia in effectiveness and bright colors. Easily cultivated and blooms all season.

Double Mixed. Beautiful large flowering varieties mixed. Packet 25c.

Canary Bird. The lovely flowers are of good size, with fringed and curled borders, and of a distinct yellow color. Packet 20c.

Giants of California. Flowers single, very large, in great variety of colors. Packet 15c.

Little Gem. Bushy little plants 8 inches high. Flowers show a 5-pointed star; all colors. In bloom all the time. Pkt. 10c; $\frac{1}{8}$ oz. 40c.

Striped and Blotched. Very free flowering. Fine for bedding and window boxes. Packet 5c; $\frac{1}{4}$ oz. 20c.

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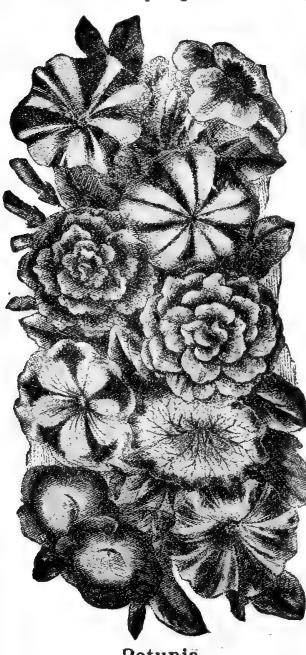
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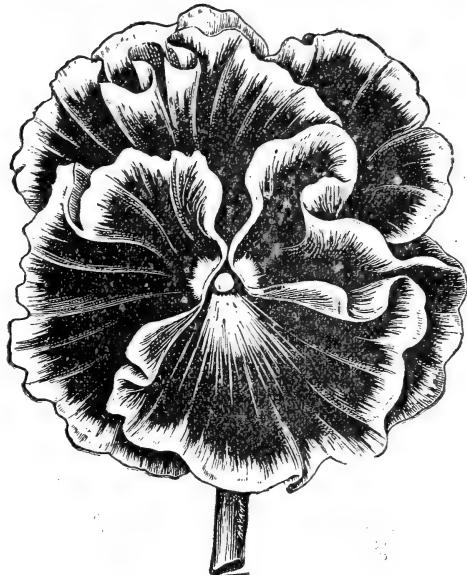
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Hybridum. Beautiful hardy perennials blooming in May and June. Large, aster-like flowers in many shades. Always in demand for bouquets. Single and double mixed. Packet 10c.



Petunia



Pansy "Germania."

Quadricolor or Pheasants Eye. Elegant spotted and marbled, large flowers. Pkt. 5c; $\frac{1}{8}$ oz. 30c.

German Imperial. Elegant, richly colored flowers of large size and perfect shape. Fine for bedding. Packet 10c; $\frac{1}{8}$ oz. \$1.00.

New Tufted Pansies. See novelties. Pkt. 15c.

Cardinal. The finest bright red pansy. Very showy. Packet 10c.

Light Blue. A delicate shade. Packet 5c.

Snowflake. Large, satiny, pure white flowers. Packet 5c.

Yellow. Beautiful golden-yellow with dark eye. Packet 5c.

King of Blacks. Velvety black, the darkest pansy known. Pack t 5c.

Striped Varieties. The lovely flowers are striped and mottled in various tints. Exceedingly pretty. Packet 5c; $\frac{1}{8}$ oz. 25c.

PHLOX DRUMMONDI GRANDIFLORA. A.

Of all summer flowering annuals the varieties of large flowering Phlox are one of the most brilliant and satisfactory. From June until October they maintain an endless display of dazzling and varied colored flowers.

Alba. Extra large, white flowers. Pkt. 5c; $\frac{1}{8}$ oz. 30c.

Starred and Fringed. Very pretty star-shaped flowers. Mixed colors. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

Extra Choice Mixed. This mixture contains the best varieties. Packet 5c; $\frac{1}{8}$ oz. 25c.

Dwarf Mixed. Of dwarf, compact habit. Fine for pot culture, for bedding and edging. 6 to 8 inches high. Very profuse bloomer. Packet 10c; $\frac{1}{8}$ oz. 25c.

Double Flowering. Flowers double and semi-double; last longer than single phlox. Mixed colors. Pkt. 10c.

Perennial Mixed. Hardy Perennial sorts in splendid mixture of colors. Packet 10c; $\frac{1}{8}$ oz. 40c.

OUR WILD FLOWER GARDEN.

This mixture contains several hundred varieties of beautiful flowers, suitable to be planted together. They will form a mass of bright colored flowers and pretty foliage which is sure to interest and please every body. For border or along fences and bare spots in the garden nothing more effective could be desired. Without any special care and with trifling expense a beautiful bed of flowers can be had by sowing this mixture. Large packet 10c; $\frac{1}{2}$ ounce 20c; ounce 35c.

PANSY. P.

This popular flower thrives best in cool, moist, but well drained and enriched soil. Seeds sown early will produce fine plants for autumn blooming; or sow in July or August and protect the plants during the winter, when they will flower continuously that spring and summer. Our seed was grown by specialists and is the best obtainable. Our packets contain 150 to 250 seeds.

Germania or Masterpiece. New Giant Curled. This strain comes nearer to double Giant Pansies than anything ever introduced under that name. The petals are crimped and curled in such a fashion that the flowers appear double. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking. Packet 20c; 3 for 50c.

Pretiosa. A new and very beautiful pansy with extra large flowers. The color is carmine-purple with bright violet blotches and distinct margin of glistening pure white. Packet 20c.

Orchid Flowered. This new giant flowered pansy shows the most surprising, novel, unique and beautiful color combinations, entirely new among pansies. The upper petals are upright and plaited, resembling orchids. Packet 20c.

Phenomenal or Mad Perret. Beautiful giant flowered Pansy with frilled edge. Colors are rich wine shades and red with a white margin. Pkt. 15c.

Giant Trimardeau. Flowers are extra large and stand well above the foliage. Each flower is marked with 3 large blotches. Packet 10c; $\frac{1}{8}$ oz. 40c.

Psyche. Giant Flowered, velvety blue with broad white margin. Packet 15c.

Siegfried. New giant flowered; five blotched, of beautiful rich brown or wallflower shade. Packet 15c.

Bugnot's Mammoth. A beautiful class with mammoth flowers in great diversity of colors. Packet 10c; 3 for 25c.

Extra Fine Mixed. We make up this mixture from the finest varieties of English, German, French and Belgian pansies. An endless variety of colors and markings. Pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.75.

Good Mixed. Many varieties and colors. Pkt. 5c; $\frac{1}{4}$ oz. 30c; oz. \$1.00.

PHLOX DRUMMONDI GRANDIFLORA. A.

Scarlet. Intense, glowing scarlet. Pkt. 5c; $\frac{1}{4}$ oz. 30c.

Rose. Pleasing shade of rosepink. Pkt. 5c; $\frac{1}{4}$ oz. 30c.

Yellow. Flowers large, of lemon-yellow color; quite novel and distinct. Pkt. 5c; $\frac{1}{4}$ oz. 30c.



Phlox Drummondi.

POPPIES. A.

Admiral. A new single paeony-flowered Poppy of surprising beauty. The large, round, smooth-edged flowers are of a glistening pure white color, with a broad band of brilliant scarlet around the top. Packet 10c.

Golden Foliage. A new and novel variety, with beautiful golden-yellow foliage, and large double flowers in various shades of red. Plants grow about 12 inches high and bloom continuously for two months. Packet 10c.

Tulip Flowered. The perfect and strikingly beautiful flowers resemble the Tulip. Intense fiery scarlet; single. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

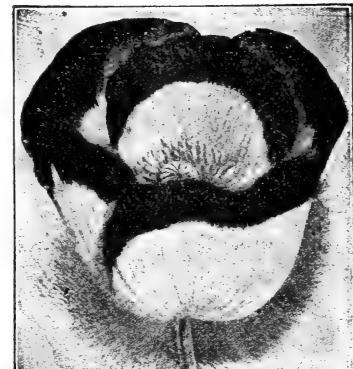
Shirley. Silk or Ghost Poppies. Handsome single flowers of glowing colors. Sown in June they will produce beautiful flowers in September. Mixed. Packet 5c; $\frac{1}{4}$ oz. 15c.

Paeony Flowered. Large double flowers. Best mixed. Packet 5c; $\frac{1}{2}$ oz. 10c.

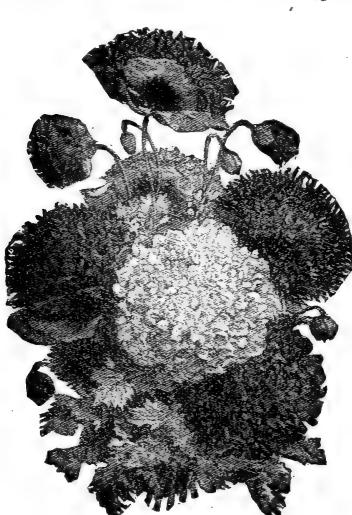
Carnation Flowered. Flowers of large size and varied colors. Very popular. Packet 5c; $\frac{1}{2}$ oz. 10c.

Double and Single Mixed. Special mixture of many double and single flowered varieties. Extra choice. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Iceland Poppy. P. Will produce flowers the first year from seed. The colors range from pure white to orange-scarlet and flowers are slightly fragrant. Nice for vases and house decorations. Finest mixed. Packet 10c; $\frac{1}{8}$ oz. 20c.



Poppy "Admiral."



Poppy, "Paeony Flowered."

Scarlet Sage. Blooms first year from seed. A favorite bedding plant, bearing long spikes of beautiful, scarlet flowers from July till frost. Packet 10c; $\frac{1}{8}$ oz. 25c.

SCABIOSA. A.

Mourning Bride or Egyptian Rose. Exceedingly pretty border plants, producing great numbers of very showy double flowers in a variety of colors. Splendid cut flowers. Blooms freely during summer and autumn. 2 feet high.

Snowball. Flowers large, pure white and very double. Splendid for vases and bouquets. Packet 5c; $\frac{1}{4}$ oz. 15c.

Double Mixed. Large flowering varieties. Pkt. 5c; $\frac{1}{2}$ oz. 15c.

SCHIZANTHUS. A.

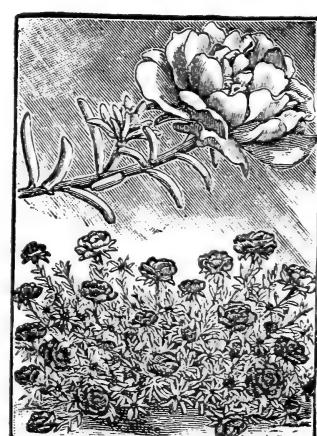
Butterfly Flower or Poor Mans Orchid. Easily grown and worthy of a place in every garden. Will bear great masses of pretty flowers and is suitable for winter blooming in pots. Fine cut-flowers. Mixed colors. Packet 5c; $\frac{1}{4}$ oz. 15c.

STATICE SINUATA. A.

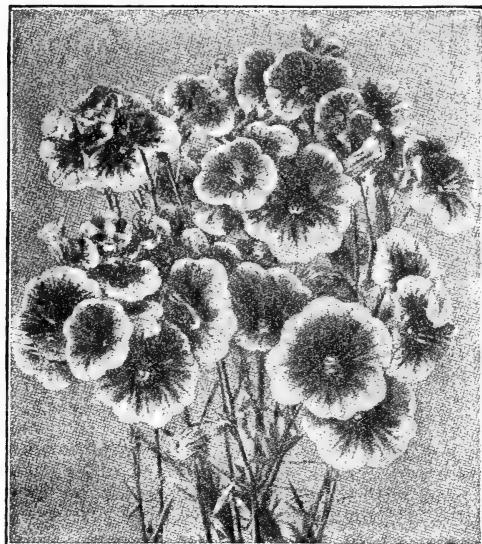
Flowers blue. In bloom from July until October. Fine for bouquets. Can also be dried for winter bouquets. Pkt. 5c; $\frac{1}{2}$ oz. 15c.

STOKESIA CYANEA. P.

Cornflower Aster. A rare and hardy perennial, growing 2 feet high, bearing from 20 to 30 lavender-blue flowers. Blooms from July until frost. Packet 10c.



Double Portulaca.



Salpiglossis.

Virginia Stocks. (Malcomia.) Pretty dwarf free flowering plants, extremely effective in small beds or edgings. Very bright colored flowers. Mixed. Pkt. 5c; $\frac{1}{2}$ oz. 10c.

SUNFLOWER—HELIANTHUS. A.

Remarkable for the stately growth, size and brilliancy of their flowers, making a splendid effect among shrubbery and for screens.

Cut and Come Again. Miniature Sunflower. The plants form pyramidal bushes 2 to 3 ft. high, bearing a continuous succession of flowers from June until frost. Flowers are single; very pretty in shades of yellow. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Star Flowered. New. Plants are of dwarf growth and covered with pretty, star-shaped flowers. Pkt. 10c; $\frac{1}{2}$ oz. 25c.

Silver Leaf. Pretty silver foliage; flowers yellow with black. Very beautiful. Packet 5c; oz. 15c.

Double Dwarf. Plants grow 4 feet high. Flowers double, very large, of golden-yellow color. Packet 5c; oz. 20c.

SUMMER CYPRESS. A.

Kochia. Highly ornamental annual of unusually rapid growth which forms regular pyramids from 2 to 3 ft. in height, having a cypress-like appearance. The leaves are slender and of a light pea-green until September, when they change to carmine blood-red. The plant will grow in any soil and comes quickly from seed. Packet 5c; $\frac{1}{4}$ oz. 15c.

SWEET SULTAN. A.

Elegant garden flower of easy culture and fine for cut flower purposes. The beautiful sweet scented, artistically-shaped flowers are borne on long, strong stems. Plant grows 4 feet high. Giant flowered mixed. Packet 5c; $\frac{1}{2}$ oz. 15c.

SWEET WILLIAM. P.

Well known, attractive, free flowering hardy perennials, producing a splendid effect in beds and borders with their rich and varied flowers. In bloom from June to September. 1 $\frac{1}{2}$ feet high.

Double Mixed. Flowers are borne on large trusses. All colors mixed. Packet 5c; $\frac{1}{4}$ oz. 20c.

Single Mixed. A mixture of single varieties. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

New Annual. One of the finest novelties of the season. The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed and continues in flower several weeks. The plants produce fine heads of bloom of various colors and are fragrant. Mixed colors, packet 10c.



Double Sweet William.



Stocks.

SALPIGLOSSIS. A.

Of easy culture blooming from early summer until late fall. Flowers orchid-like. One of the finest and best of our annual garden flowers. Large flowered mixed. Packet 5c; $\frac{1}{8}$ oz. 15c.

STOCKS, GERMAN DWARF TEN WEEKS. A.

Stocks are among the finest annuals. Plants commence to bloom in about ten weeks from time of germination and continue until frost. Flowers are of brilliant color and fragrant. Fine for pot culture.

Double Fancy Mixed. An assortment of large flowering sorts of all colors. Pkt. 5c.

SEPARATE COLORS.

Pure White, Pkt. 10c.

Blue, Pkt. 10c.

Crimson, Pkt. 10c.

Yellow, Pkt. 10c.

Purple, Pkt. 10c.

Any 3 Pkts. 25c.

Dresden Everblooming. Cut and Come Again Stock. Flowers are very large, double and fragrant. Plant grows 24 inches high and branches freely. Mixed colors. Packet 10c.

Brompton or Winter. A new winter flowering variety, producing long spikes of large, double, fragrant flowers. Packet 10c.

Night Scented Stock. (Mathiola.) A charming hardy annual which begins to bloom in June. Flowers lilac-pink, very sweet scented after sundown. Should be in every garden. Height 15 in. Pkt. 5c; $\frac{1}{4}$ oz. 20c.

SWEET PEAS. A.

Every variety in our list is entitled to a place in the front rank of Sweet Peas, each being the best of its class. Everybody likes Sweet Peas, and they are grown with so little care and bloom so profusely, that even the smallest garden should contain a goodly supply. Try an ounce or more of our Imperial Mixed Sweet Peas, and you will have the nicest assortment of colors you have ever seen. Sweet Peas make such lovely and sweet scented bouquets that one really is surprised not to find this flower in every garden, no matter how limited the space may be.

Emily Henderson. Fine large flowers of purest white; strong grower.

Dorothy Eckford. Elegant, very large, massive pure white flowers.

Lady Marie Currie. Beautiful deep-orange pink.

Apple Blossom. Lovely bright rosy-pink flowers.

Early Blanche Ferry. Earliest of all. Flowers bright pink and white.

Her Majesty. Large size and perfect form; deep rose colored.

Salopian. Rich deep crimson-red; large and fine.

Cardinal. Glowing bright scarlet.

Primrose. Beautiful primrose yellow.

Gray Friar. White ground, clouded and dotted with lilac. Very odd and attractive.

Mrs. J. Chamberlain. White, striped and flaked with rose.

Black Knight. Rich glossy blackish maroon. Darkest of all.

Countess Radnor. Delicate lavender. Pretty and large.

Navy Blue. Deep violet blue. Free bloomer.

All the above varieties at the uniform price of 5c per packet; or any 6 for 20c; 10c per oz.; 20c per $\frac{1}{4}$ lb.; 60c per lb. postp'd.

Spencer Hybrids. Very large flowering strain, with long stems. Decidedly the best of all Sweet Peas. We offer a choice MIXTURE of the Spencer type at following low prices:

Packet 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

Imperial Mixed. Fifty different large flowering varieties, including the newest kinds. The best mixture obtainable. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.

Good Mixed. Many varieties and colors. Pkt. 3c; oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 35c postpaid.

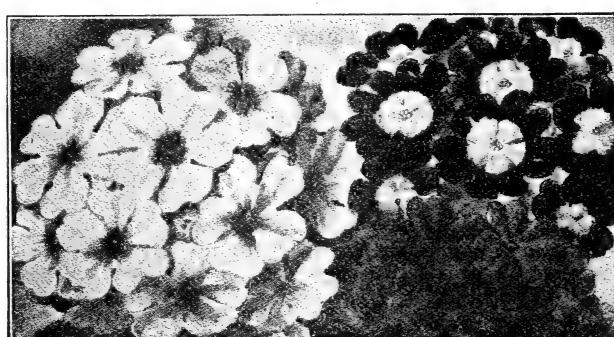
Double Sweet Peas. These are getting more popular every year. The flowers are double and semi-double. All colors mixed. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c postpaid.

CUPID SWEET PEAS.

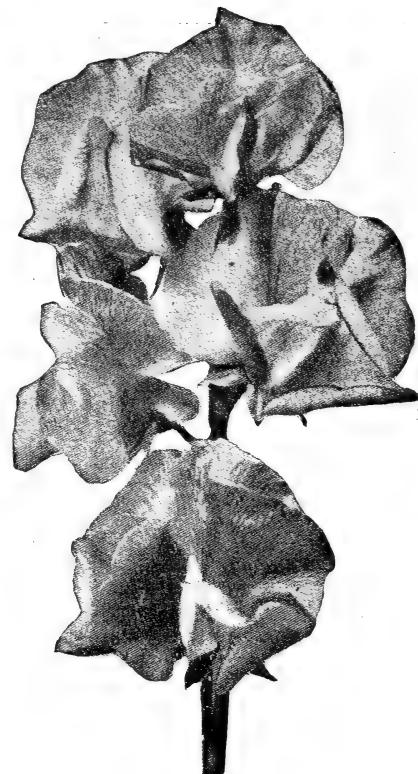
Compact, dwarf plants, seven inches high. Fine for bedding and pot culture. Mixed colors. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid.

VIOLA CORNUTA. P.

Pansy-Violet or Tufted Pansy. Elegant free blooming plants for partially-shaded beds and borders. They are more hardy than regular Pansies. Large flowering varieties mixed. Pkt. 15c.



Mammoth Verbena.



Sweet Peas.

VERBENA. P.

These are among the best annuals and by many people preferred to Phlox, Pansies or Aster, for bedding purposes. A constant bloomer, flowers unrivaled in brilliancy of colors. Seed should be started in February or March and plants transplanted to open ground in May or June.

New Mammoth. Produces unusually large flower trusses of the most beautiful colors. Individual flowers are larger than a silver quarter. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Mixed Hybrids. Many sorts and colors. Extra fine mixture. Pkt. 5c; $\frac{1}{4}$ oz. 25c.

Lemon Scented. Pretty fragrant plants. The leaves when dried will retain their fragrance for years. Seed is scarce. Packet 10c.

Burbank's Mayflower. It has the characteristics of the finest Verbenas, and possesses the delicate coloring and fragrance of the Arbutus. Flowers of delicate pink and white coloring. Packet 10c.

Moss Verbena. Produces a mass of spreading moss-like foliage, above which are heads of purple-blue flowers. Blooms from June until frost. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

Venosa. (Hardy Garden Verbena.) Grows about 1 ft. high and covered from early summer until late fall with purplish-heliotrope flowers. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

VIOLET. P.

Sweet Violet. The well known, old fashioned hardy garden violets; prized for their fragrant and pretty flowers. Plants grow six inches high and bear the single blue or white flowers early in spring. Mixed. Packet 10c.



Wallflower.

Double Pompon. A very fine strain, containing many rich colors and shades. Plants grow about 2 feet high. Pkt. 5c; $\frac{1}{2}$ oz. 15c.

New Giant Flowered. Plants grow 3 feet high and are very profuse bloomers. Flowers are extremely double and very brilliant in color, while in size they surpass all other Zinnias, measuring 4 to 5 inches in diameter. Finest mixed. Packet 10c; $\frac{1}{4}$ oz. 25c.

Curled and Crested. The flowers are large and double; the petals being twisted and curved. The range of color is most varied. Very pretty. Mixed. Packet 5c; $\frac{1}{4}$ oz. 15c.

Double Lilliput or Fairy. Plants grow about 15 in. high and are fairly loaded with tiny, short stemmed, very double flowers. An exceedingly pretty plant and profuse bloomer. Mixed colors. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

Mexican Hybrids. These new Hybrids produce flowers of the size of a Daisy. They are single, semi-double and double, the colors are unique and pleasing. Very free-flowering. Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Double Dahlia Flowered. A new class with large, beautiful dahlia-like flowers in all shades. Extremely pretty and in bloom throughout the season. Packet 10c; $\frac{1}{4}$ oz. 25c.

EVERLASTINGS OR IMMORTELLES.

This class of annuals are of easy culture, producing their straw-like flowers abundantly all summer and fall. Suitable for bouquets and decorations.

Acroclineum. Plant grows 15 in. high, bearing lovely white or rose-pink flowers. In bloom from July to Oct. Pretty in beds or pots. Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 10c.



Helichrysum.

VINCA. P.
Madagascar Periwinkle. Ornamental, free flowering plants of easy culture. They bloom from seed the first season, continuing until frost. Fine for bedding and may be potted in fall, for winter blooming. Flowers single, pink and white. A fine cut flower. Height 12 to 15 inches. Packet 5c; $\frac{1}{4}$ oz. 25c.

VISCARIA. A.

Showy and profuse blooming annuals, very effective in small beds or borders. Height 12 inches. Flowers glowing bright red. Packet 5c; $\frac{1}{2}$ oz. 15c.

WALLFLOWER. P.

Well known, deliciously fragrant half-hardy perennial with large spikes of beautiful flowers. A fine pot plant.

Finest Double. Large spikes of brilliant colored flowers. Very fragrant. Mixed. Packet 10c.

Single Mixed. Nice colors. Packet 5c.

Early Parisian or Annual Wallflower. Beautiful flowers of light brown color. Height 1 $\frac{1}{2}$ feet. Packet 5c.

ZINNIA. A.

This is one of the most charming garden flowers, deserving a prominent place in every garden. The plant forms handsome bushes which produce hundreds of nice, double flowers all summer and fall. Succeeds everywhere.

Tall Double. Tall growing varieties in splendid mixture. Packet 5c; $\frac{1}{2}$ ounce 15c.



Double Zinnia.

Ammobium or Winged Everlasting. New Giant Flowered. Large, handsome double white flowers with yellow disk. Plants 2 $\frac{1}{2}$ ft. high. Grows in sandy soil and blooms all summer. Pkt. 5c; $\frac{1}{4}$ oz. 10c.

Athanasia. Grows 10 to 12 inches high, very desirable for borders. Golden yellow. Blooms from June until September. Pkt. 5c; $\frac{1}{4}$ oz. 10c.

Gomphrena or Globe Amaranth. Showy plants with brilliant colored, globe-shaped flowers. A first class bedding plant and fine for cut flower work. 1 $\frac{1}{2}$ feet high. Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 10c.

Helichrysum. Mammoth Flowered. Pretty and effective flowers. For beds or borders. One of the showiest. Blooming season July to October. 2 ft. high. Mixed colors. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

Rhodanthe. Grows in any soil. Beautiful for the garden, or grown in pots in the house. Flowers are white, rosy or crimson and show a darker disk. Grows 1 ft. high. Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

Xeranthemum. Profuse blooming hardy annuals. Flowers very double and long stemmed. White and deep purple. Plants grow 12 to 15 in. high. Bloom from July until Sept. Mixed. Pkt. 5c; $\frac{1}{4}$ oz. 15c.

Special Mixed. All the above sorts and many other varieties mixed. Packet 10c; $\frac{1}{4}$ oz. 15c.



Pennisetum Rueppelianum.

FLOWERS FOR BOUQUETS.

We offer a mixture of annuals which produce flowers suitable for bouquets and for decorating, nearly all of them having long stems. A packet or two planted in your garden will furnish a constant supply of cut flowers. Packet 10c.

FLOWER SEED COLLECTION.

20 regular-size packets for only 50c, postpaid.

Our selection only, containing a nice assortment of easily grown garden flowers, such as Alyssum, Asters, Balsams, Candituit, Dianthus, Larkspur, Pansies, Petunias, Phlox, Poppies, Scabiosa, Sweet Peas, Zinnias, etc. Twenty packets of choice flower seeds postpaid by mail for 50 cents.

POPULAR COLLECTION OF FLOWER SEEDS.

12 regular-size packets for 25c postpaid. Asters, Caliopsis, Campanula, Dianthus, Escholtzia, Mignonette, Pansy, Petunia, Phlox, Sweet Peas, Verbena and Zinnia. Each packet containing mixed colors of the kinds mentioned above.



Dolichos.

ORNAMENTAL GRASSES.

The Ornamental Grasses are indispensable for the mixed flower bed and for the border, making these more attractive during the summer, while in the dried state the Ornamental Grasses are valuable for winter bouquets.

Coix Lachrymae. A. (Job's Tears.) Broad, corn-like leaves and hard, shining, pearly seeds. The plants grow 3 feet high. Packet 5c; ounce 15c.

Eulalia Zebrina. P. (Zebra Grass.) Leaves light green, crossed with creamy white stripes. Few variegated plants equal this in beauty. Plants grow 3½ to 4 ft. high. Pkt. 5c.

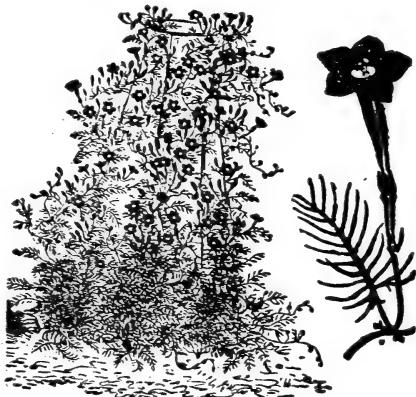
Gynerium Argenteum. P. (Pampas Grass.) Bears large white, silvery plumes. Grows 10 ft. high. Packet 5c.

Lagurus Ovatus. A. (Hare's Tail Grass.) Produces small white heads. Excellent for bouquets. Pkt. 5c.

Pennisetum Rueppelianum. P. (Purple Fountain Grass.) Beautiful, large spikes of purple color. The foliage is long and slender, gracefully recurved and glossy deep green in color. Plants grow 3 feet high. Packet 10c.

Stipa Pennata. P. (Feather Grass.) Beautiful, delicate white, feathery heads. 2 feet high. Packet 5c.

Mixed Varieties. Many different kinds. Packet 10c.



Cypress Vine.

SELECTED CLIMBING PLANTS.

Adlumia. P. Allegheny Vine. A graceful hardy climber with feathery, fern-like foliage and pretty tube-shaped, pink flowers. Pkt. 10c.

Ampelopsis. P. The well known Boston Ivy. Will climb any wall without support. In fall the leaves turn a rich orange and red. Pkt. 5c; ½ oz. 15c.

Balloon Vine. A. A rapid growing climber, succeeding best on light soil. Flowers white; seed pods look like small balloons. Pkt. 5c; oz. 15c.

Balsam Apple and Pear. A. Very curious, rapid and dense growing climbers, with ornamental foliage and pretty fruit, which opens when ripe, showing seed and blood-red inside. Apple and Pear mixed. Pkt. 5c; ½ oz. 15c.

Bignonia. P. Trumpet Vine. Grows very tall, bearing clusters of lovely trumpet-shaped flowers of orange. Packet 10c.

Canary Bird Vine. A. Graceful, rapid growing climber with pretty little canary-yellow flowers. 15 feet high. Pkt. 5c; ½ oz. 10c.

Coboea Scandens. A. Beautiful climber, growing 20 to 30 feet in one season. Large, bell-shaped blue flowers. In sowing, place seeds edgewise and cover with light soil. Pkt. 10c; ¼ oz. 20c.

Dolichos. A. Hyacinth Bean. Very pretty, bean-like flowers in erect racemes, followed by ornamental seed pods. For covering arbors, trellises etc. Grows 10 feet high. Mixed. Packet 5c; oz. 15c.

CYPRESS VINE. A.

For trellises the Cypress Vine can not be excelled. It has a profusion of pretty star shaped blossoms and fine leaved, feathery foliage is well adapted to ornamental work. Will grow 12 to 20 feet high.

Ivy Leaved. Foliage very ornamental. Flowers fiery red. Pkt. 5c; ½ oz. 20c.

Scarlet. Flowers bright, glowing scarlet. Pkt. 5c; ½ oz. 15c; oz. 25c.

White. Pretty blossoms of clear white color. Pkt. 5c; ½ oz. 15c; oz. 25c.

Mixed. Nice mixture of all kinds, including white. Pkt. 5c; ½ oz. 15c; oz. 25c.

SELECTED CLIMBING PLANTS—Continued.



Humulus.

Evening Glory. A. Quick growing climber with violet-blue flowers. Fragrant, especially in the evening. Pkt. 5c; oz. 15c.

Humulus. Japanese Hop. A. VARIEGATED LEAVED. Rapid, dense growing climber, 12 to 20 feet high. The leaves are beautifully marbled and splashed with silvery white, light and dark green; very effective for screens, arbors, trellises, etc. Packet 5c; $\frac{1}{2}$ ounce 15c.

Japanese Kudzu Vine. P. (Jack and the Bean Stalk Vine.) This plant will grow anywhere and will last for many years. Of wonderfully quick growth, climbing to a height of 50 feet. The large, bold leaves are of dark green color and make a dense shade. Packet 10c.

Lathyrus. P. (Everlasting Pea or Hardy Sweet Pea.) Hardy perennial climber with white, pink and crimson pea-shaped flower clusters. Grows 6 feet high, flowering from July to September. Fine for cut flowers. Pkt. : $\frac{1}{2}$ oz. 15c.

Mexican Mina Vine. A. One of the most beautiful annual climbers, a very profuse and early bloomer. The leaves resemble oak leaves, and the flowers are borne in large clusters. Blood red, yellow throat. Grows 20 to 30 ft. high. Pkt. 5c.

Moonflower. A. (Mammoth White.) The most rapid growing of all climbers. The vines are literally covered with

thousands of large pure white, fragrant flowers. Packet 10c.

Moonflower. A. (Lilac Blue.) Produces lovely, large flowers of lilac-blue color. Packet 10c.

Nasturtium. A. TALL OR CLIMBING. See page 88.

Passion Flower. P. Tender perennial climber for the summer garden, for window boxes and pot culture. Flowers exceedingly beautiful, white and blue; very large and wax-like. Packet 10c.

Scarlet Runner Bean. A. Well known and popular ornamental vine. Flowers dazzling scarlet and very showy. The pods are of excellent flavor. Large packet 10c; $\frac{1}{2}$ pt. 20c.

Smilax. P. Makes a fine pot plant for winter. Lovely foliage which is greatly prized for bouquets and decorating. Pkt. 5c; $\frac{1}{2}$ oz. 20c.

Sweet Peas. A. See page 93.

Wild Cucumber. A. Will grow 30 feet in one season. Bears pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. Packet 5c; ounce 15c.

MORNING GLORIES. IPOMOEA. A.

Well known climbers of rapid growth, with beautiful, showy flowers in endless variety of colors. For covering walls, trellises, arbors or stumps of trees they are invaluable. They will succeed under almost any circumstances and require no care.

Giant Flowered Mikado. A new giant type with enormous flowers, handsome colors, shapes and markings. Their colors run from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion. Some flowers are beautifully fringed and frilled. The leaves are also very handsome; some are ivy-like, others are heart shaped, some are streaked and marbled with white or yellow. Finest mixture. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 30c.

Imperial Japanese. This is a large flowering Japanese strain, with beautiful blossoms in the most varied colors and shades. The leaves are also handsome and of different shapes. Many varieties in splendid mixture. Packet 5c; ounce 20c.

Double Flowered. Very free-flowering; the blossoms being double and semi-double. Finest mixture. Packet 10c; $\frac{1}{2}$ oz. 15c; ounce 25c.

Mixed. The old fashioned Morning Glories in mixture of colors. Pkt. 3c; oz. 10c.



Ornamental Gourds.

ORNAMENTAL GOURDS. A.

Desirable, pretty climbers for many places where a large amount of vines are wanted quickly. The blossoms of some are quite striking and handsome. With all sorts the fruit is unique and ornamental, and often useful.

Dipper. Fruit makes excellent dippers. Pkt. 5c; oz. 20c.

Hercules Club. Green, 3 to 4 ft. long. Pkt. 5c; oz. 15c.

Luffa or Dish Cloth. Many ladies prefer a dish cloth made of this Gourd to anything else. Pkt. 10c.

Nest Egg. Resembling in color, shape and size the eggs of hens. They make the best nest eggs. Pkt. 5c; oz. 20c.

Orange Shaped. Known as mock orange. Pkt. 5c; oz. 15c.

Sugar Trough. The fruits have thick shells, and very light but durable. Hold 6 to 8 qts. each. Pkt. 5c; oz. 20c.

Pomegranate or Pocket Melon. Fruit is round, of a bright color, very fragrant. Pkt. 5c; oz. 15c.

Ornamental Mixed. Pkt. 5c; $\frac{1}{2}$ ounce 15c; ounce 25c.



Japanese Morning Glory.

FARM SEED DEPARTMENT.

Our Farm Seeds are grown from carefully selected stock for seed purposes, and every effort is made to keep them pure and free from weed seeds. All varieties which we offer have been well tried and found to be of superior merit. At prices quoted we furnish Burlap Sacks free of charge, but would advise to have all heavier seeds shipped in new Grain Bags, for which we make an extra charge of 23c each. Please notice that seeds can not be packed together with trees and plants, as the latter are packed in damp moss, whereas seeds must be kept dry. If your shipping point is a "prepay station" be sure to send a sufficient amount extra to cover freight charges. In all cases where this is not done, we ship to nearest point which is not a prepay station. We do not ship C. O. D. unless one-third the amount of order is sent us with order. Our prices per pound and three pounds are postpaid. Larger quantities are shipped at buyers expense.

AS THIS CATALOGUE GOES TO PRESS EARLY IN THE SEASON, OUR PRICES ARE SUBJECT TO CHANGE.



Green Mountain Oats.

returns are secured on clay soils. Our seed is Wisconsin grown. Price, 3 lbs. 50c postpaid. By freight, bu. \$1.35; 5 bu. \$6.25; 10 bu. \$11.75, sacks included.

MACARONI WHEAT.

A wheat that will grow where others fail. It is a very heavy yielding variety, and does especially well in the semi-arid plains. It seems to be always a sure crop, and will mature in a shorter season than any other wheat. The grains are very hard and rather large. Sow seed early in the spring, about 1½ to 2 bushels per acre. In the Southern part of Kansas and Oklahoma, and from there on south, it may be sown in fall, as winter grain. Price, 3 lbs. 60c postpaid. By freight, pk. 50c; bushel \$1.75; 5 bu. \$8.50; 10 bu. \$16.50, sacks included.

SPELTZ OR EMMER.

The grain is considered as good as oats for stock and better than barley for hogs. It makes excellent pasture and good hay if cut at proper season. Produces from 50 to 100 bu. of seed per acre, and yields well in dry years when other small grains are a failure. It is claimed it will make a crop where the annual rainfall is only 10 inches. Can be sown very early as plants are not injured by frost or snow. Drill, 2 bu. or if broadcast, 3 bu. per acre. Price, 3 lbs. 50c postp'd. By freight, bu. (40 lbs.) \$1.25; 5 bu. \$6.00; 10 bu. \$11.00, sacks included.

FLAX SEED.

Flax is one of the most profitable crops, especially on new land. It makes a quick crop, being sown in April and harvested in June. The seed is always marketable at a good price. We offer good clean seed. Sow ½ bu. per acre. Price is subject to market changes. 3 lbs. 60c postpaid. By freight, pk. 50c; bu. \$1.85; 5 bu. \$8.75. New grain bags 23c each, extra.

OATS.

Read's Green Mountain. The largest grained and best all around White Oats in existence. Heads reach the length of 18 inches and grain weighs 35 to 42 lbs. to the bushel. Out of 40 leading varieties tested for five successive years Green Mountain Oats proved the nearest rust-proof and gave the largest average yield each year, outyielding such varieties as Big Four, Lincoln, White Swedish, National, Bonanza, Quaker, etc. It ripens early, is extremely hardy, rust-proof and free from smut and disease. Resists drought and adapts itself readily to all soils and climates. The grains are the largest and purest white of any. Plants strong and vigorous, combining every quality one seeks in Oats. Yields more than double of ordinary kinds under same conditions. Do not fail to try this grand new variety, it is so much superior to anything you have ever raised. We guarantee all the Green Mountain Oats we sell this year under Read's name to come direct from him. Price, lb. 40c; 3 lbs. \$1.00 postpaid. ½ peck 75c; peck \$1.10; ½ bu. \$1.60; bu. \$2.75; 2½ bu. \$6.70; 10 bu. \$26.00.

New Kherson. These oats were first introduced here by the University of Nebraska from the province of Kherson in Russia. This variety ripens two to three weeks earlier than other oats. The plant is of vigorous but rather dwarf growth and stiff in straw, hence will withstand strong winds and not lodge. The leaves are broad and the heads large and full, frequently containing more than 100 seeds. The kernels are of a light yellow color and contain an extra large berry. For Nebraska and other states where dry and hot weather prevails, these oats can be depended upon to always give the best results. Our seed was grown from the original stock. Price, 3 lbs. 45c postpaid. By freight, bu. \$1.10; 5 bu. \$5.25; 10 bu. \$10.00, sacks included.

White Swedish Select. Also known as Winconsin No. 4. These oats yield heavily, are free from rust, and withstand drought extremely well. The South Dakota Experiment Station says: "They are the best drought-resister of all our plants." The heads are large and branching, fairly loaded with big, plump, thin-hulled kernels of bright, pure white color. The straw is very stiff and noted for its power to withstand lodging. The White Swedish oats seem especially adapted to high, well drained land, and the largest



Vermont Beardless Barley.

White Hullless. No beards or hulls. The grain looks like wheat. Equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley growing regions, and also in sections where common barley is not grown at all. It is very early, thus making a splendid nurse crop seedling with clover; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for hay crop. Sow in spring 1½ bushels per acre. Specially fine for poultry and for grinding for hogs. Price, 3 lbs. 65c postpaid. By freight, 1 pk. 60c; bu. \$2.00; 5 bu. \$9.60, sacks included.

MAMMOTH WINTER RYE.

Winter Rye is a sure crop—failures being almost unknown. Every farmer should have at least a few acres of it. It is usually sown in the fall, and as it grows very vigorous, will furnish pasture till late in the fall and also early in the spring it makes an early and abundant pasture, but makes no grain crop. 3 lbs. 60c postpaid. By freight, peck 50c; bu. \$1.50; 2 bu. \$2.85 bags included.

SPRING RYE.

Invaluable as a catch crop. Can be sown later than other spring grain. Does not grow quite as large straw as winter rye, but usually yields well. The seed we offer is home grown. Price, pk. 50c; bu. \$1.50; 2 bu. \$2.85, bags included.

FIELD PUMPKINS.

Common Field Pumpkin. The well known old Connecticut Field Pumpkin. Best variety to plant with corn. Excellent dairy stock food. 2 lbs. of seed will plant an acre. Price, lb. 40c postpaid. By freight, 10 lbs. \$2.90.

RUSSIAN SUNFLOWER.

Largest sunflower. This is one of the best paying crops that can be raised. Seeds are the best of food for poultry, and is much cheaper to raise than corn. Stalks make good firewood. 3 to 4 lbs. per acre. Price, 1 lb. 25c; 3 lbs. 65c postpaid. By freight, 10 lbs. \$1.00; 25 lbs. \$2.00.

BUCKWHEAT.

Japanese. An early and very prolific variety, with kernels about double the size of ordinary sorts. The best for the western states, as it withstands drought well. Sow 3 pecks per acre. Price, 3 lbs. 50c postpaid. By freight, peck 50c; bu. \$1.75; 2 bushels \$3.25, sacks included.

Silver Hull. Well known standard variety. Sow one bu. per acre. Price, 3 lbs. 50c postpaid. By freight, peck 50c; bu. \$1.60; 2 bu. \$3.00 sacks included.

BARLEY.

Read's Vermont Beardless. A strictly beardless six rowed variety with heads one-third larger than on any other kind. Kernels large, plump and heavy. Straw tall, strong, heavy leaved, very soft and much superior in feeding value. Has unusual strong and deep root formation, making it a great drought resister. Extremely hardy, never rusts or smuts. Has yielded from 40 to 200 bu. per acre, according to soil fertility. Anyone wanting the very best Beardless Barley should order some of this seed. Our stock is limited. We guarantee all the Vermont Beardless Barley we sell this year under Read's name to come direct from him. Price, lb. 45c; 3 lbs. \$1.00 postpaid. ½ peck 90c; peck \$1.25; ½ bu. \$1.85; 1 bu. \$3.30; 2½ bu. \$8.10.

Oderbrucker. A stiff-strawed, heavy-yielder, six-rowed, bearded variety. Prof. Moore, of the Wisconsin Agricultural College, says that for "stiffness of straw and rust resistance it is superior to any variety on test." It has a protein content of 15%, or nearly double the amount found in other varieties. This makes it a valuable feeding barley. Price, 3 lbs. 60c postpaid. By freight, peck 50c; bu. \$1.60; 5 bu. \$7.75, sacks included.

Mandscheuri. This is an early six-rowed variety, with strong straw, bearing long, well filled heads of plump grain. It is a good variety to grow, either for feed or for the market; its malting qualities are unsurpassed. Price, 3 lbs. 50c postpaid. By freight, pk. 45c; bu. \$1.45; 5 bu. \$7.00, sacks included.

Champion Beardless. A fine beardless Barley that has been planted largely for many years. In type not so true as the Vermont Beardless. It is earlier than any bearded barley, will yield more, and will not discolor as easily as other barley. In regard to soil it is not particular. A first-class barley for malting. Price, 3 lbs. 60c postpaid. By freight, pk. 50c; bu. \$1.60; 5 bu. \$7.50, sacks included.



Japanese Buckwheat.

SELECTED SEED CORN.

The greatest care is used in selecting and harvesting our seed corn. Every ear is examined and if found true to type of that variety, it is then tipped and butted; afterwards shelled and run over our large cleaning mill and not only fanned but also graded. Seed Corn prepared in this manner is well worth the price we ask for it.

Reid's Yellow Dent. This corn is light golden in color. The ears are 9 to 11 inches long, 18 to 20 rows of kernels. The ears are cylindrical from butt to tip. The cob is completely covered with solid corn, shelling 88 per cent grain, and often better. The kernels are moderately rough, rather narrow, medium in thickness, wedge shape, setting very closely together, **with no lost space between the rows.** The corn is a vigorous grower, heavy below the ear, and does not blow down easily. It has an abundance of foliage. This makes it an excellent fodder and ensilage plant. Ripens in 110 days. Splendid sort for Nebraska and Kansas, but not recommended for the North. Price, 3 lbs 60c postpaid. Peck 60c; bu. \$2.00; 5 bu. \$9.00, sacks included.

Reid's Yellow Dent Corn in the ear, per 1 bu. crate \$2.60.

Iowa Gold Mine. Very popular early yellow dent corn, ripening a few days later than Pride of the North. Ears are not large but of good size and symmetrical; color a bright golden yellow; grain is very deep, cob small and therefore dries out very quickly. Seventy lbs. of ear corn makes 62 to 63 lbs. of shelled corn. It yields heavily, and is considered one of the best early dent varieties. Will mature in 95 days. Price, 3 lbs. 60c postpaid. By freight, pk. 50c; bu. \$1.75; 5 bu. \$8.25, sacks included.

Iowa Gold Mine Corn in the ear, per 1 bu. crate \$2.40.

Early Longfellow Dent. Also called "Golden Rule." The trouble with most early sorts is that they are too small, but this new variety is of unusual length, the ears averaging about 12 inches. It matures fully as early as Pride of the North, is double the size, and yields a far larger crop, which is ripe and hard before there is a thought of frost, thus making a variety that it will pay to "tie to." Stalks are of medium height, strong and not easily blown down. Grain is not as deep as other varieties. We recommend it highly to customers in Northern Iowa, Minnesota, the Dakotas and other northern states. Price, 3 lbs. 60c postpaid. By freight, pk. 60c; bu. \$1.85; 5 bu. \$8.75, sacks included.

Early Longfellow Dent Corn in the ear, per 1 bu. crate \$2.50.

Nebraska Yellow Dent. The best and heaviest yielding yellow corn for Nebraska and the western states. Ears are large, uniform in size, and well filled; kernels of good size and golden yellow color. Cobs are small. Stalks are medium size, strong and well rooted, producing two good, well shaped ears each. It is a strong grower, and will produce a larger yield on poor land than any other variety. Price, 3 lbs. 50c postpaid. By freight, pk. 60c; bu. \$2.00; 5 bu. \$9.00, sacks included.

Nebraska Yellow Dent Corn in the ear, 1 bu. crate, \$2.60.

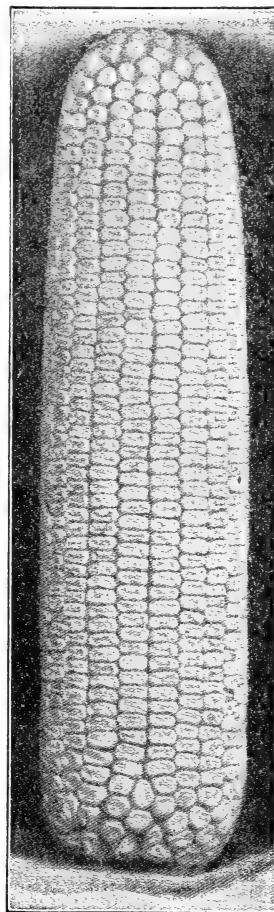
Iowa Silver Mine. An early variety of White Dent Corn, which is remarkable for its large yields. It is the largest eared early White Dent Corn, ripening in 90 to 95 days. Stalk grows to a height of 7 or 8 feet, and sets the ears about 3½ to 4 feet from the ground. The ears are very uniform in size and shape, with 16 to 20 rows of pure white kernels set on a small white cob, and are well filled out over the tip. The cob dries out rapidly. Seventy pounds of corn in the ear will make 62 pounds shelled. It is hardy, a great drought resister, and a corn which will give satisfaction wherever planted. Price, 3 lbs. 60c postpaid. By freight, peck 50c; bushel \$1.75; 5 bushels \$8.25, sacks included.

Iowa Silver Mine Corn in the ear, per 1 bushel crate, \$2.50.

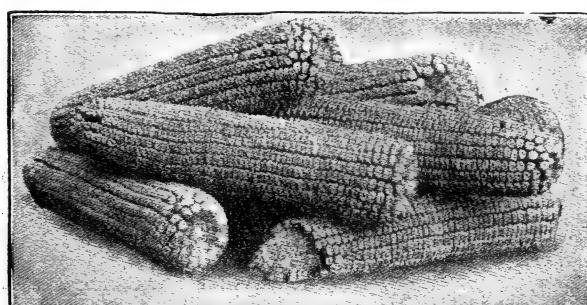
Diamond Joe's Big White. A large eared White Dent Corn maturing in 100 days. Has outyielded the Silver Mine here in Nebraska, bringing 98 bu. per acre in Lyon County. Is well adapted to old or thin ground and on good soil will always yield abundantly. It is a strong, vigorous grower from the start, absolutely free from barren stalks, and resists drought to a remarkable degree. Kernels deep, large, pure white; cob very small. Price, 3 lbs. 60c; postpaid. Peck 65c; bu. \$2.25; 5 bu. \$10.75.

Diamond Joe's Big White Corn in the ear, per 1 bu. crate \$2.75.

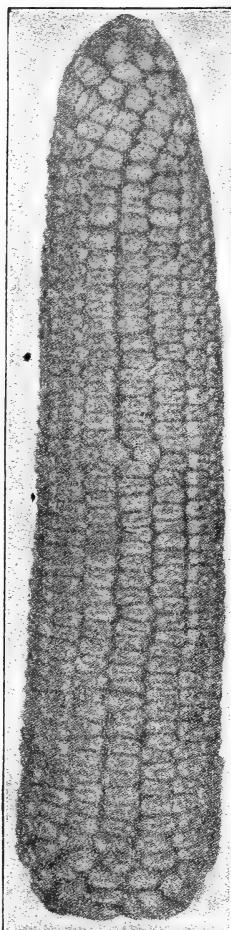
Brazilian or Stooling Flour Corn. This corn stools like wheat, each kernel producing from five to eight stalks, each stalk bearing two or three ears, 5 to 7 inches in circumference. 9 to 12 inches in length, color beautiful white. It is the best variety for ensilage. It yields four times more fodder to the acre than common corn, and more bushels in shelled corn. Makes a fine flour and is also used largely for roasting ears. Two quarts will plant one acre. Price, 2 quarts 65c postpaid. By freight, 75c per peck; \$2.75 per bushel.



Reid's Yellow Dent.



Iowa Silver Mine.



Early Murdock.

Sweet Fodder Corn. This is of greater value for dairy farmers than common fodder corn on account of its high feeding and milk production quality. Sow in drills or broadcast 2 bushels per acre. Price, pk. 75c; bu. \$2.50; 2 bu. \$4.75, sacks included.

BROOM CORN.

Broom Corn is one of the most paying crops and is adapted to any soil that will grow corn. It will make a crop with very little rain. One acre will yield 1 to 1½ ton of cured brush and up to 40 bushels of seed, which is nearly equal to oats in feeding value. Plant on well prepared soil, in drills 3½ feet apart, and in the rows about 3 inches apart; and cultivate the same as corn. About 5 to 8 lbs. of seed will sow an acre. If planted the first of June, the crop will be ready to cut September 15th.

Improved Evergreen. This variety grows about 8 to 10 feet high, stands up well, and is entirely free from crooked brush. Price, 3 lbs. 60c postpaid. By freight, 10 lbs. 60c; 25 lbs. \$1.25; 100 lbs. \$3.25, sacks included.

Oklahoma Dwarf. Most valuable strain grown in Oklahoma and in the southwest. Very early and is a drought resister. Averages five feet in height. Is a great yielder. Price, 3 lbs. 60c postp'd. By freight, 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$4.25.

PENCILARIA.

Has lately been much advertised as a fodder plant of great value to all stock raisers. It is said to produce the largest crops of all known fodder plants. Will grow on any soil and in all sections of the country and produces, even under unfavorable conditions, very large yields. The seed should be planted in spring, after the ground has become warm, and covered but lightly. Sow broadcast 10 to 12 pounds per acre. Price, 3 lbs. 75c postpaid. By freight, 5 lbs. 75c; 25 lbs. \$3.00; 100 pounds \$10.00.

SEED CORN—Continued.

Early Murdock. This fine Yellow Dent Corn on account of its extreme earliness is well adapted to Minnesota and the Dakotas. Ears are well filled to the tips, 16 to 20 rows, very large for so early a corn. Stalks are of medium height, stout and stocky. As early as the old well known Pride of the North, with much larger ears and a heavier yielder. The best extra early Yellow Dent Corn for all sections. Price, 3 lbs. 60c postpaid. Peck 60c; bu. \$2.00; 5 bu. \$9.00.

Early Murdock Corn in the ear, per 1 bu. crate \$2.60.

Champion White Pearl. The stalk is short and thick. The ear grows low on the stalk, is from 7 to 10 inches in length, almost averaging 16 rows of grains. The grains are pure white, very deep, compact and heavy. The cob is small. By a test, 70 ears weighed 87½ pounds, of which the cobs alone weighed only 7 pounds. On account of its short, thick stalk it will withstand heavy winds, and this variety is also a great drought resister. It matures in 95 to 100 days. Price, 3 lbs. 60c postpaid. By freight, pk. 50c; bu. \$1.85; 5 bushels \$8.75, sacks included.

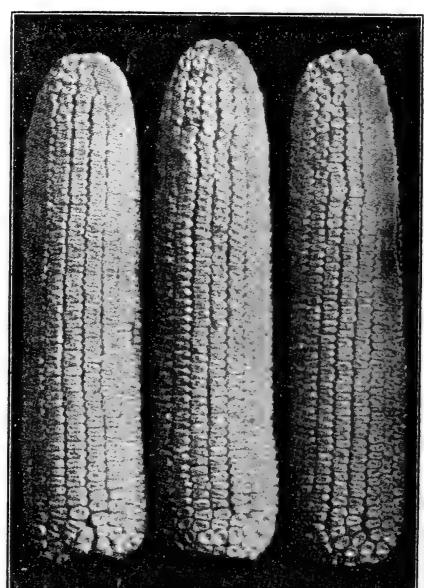
White Pearl Corn in the ear, per 1 bushel crate \$2.40.

Improved Calico. This old-fashioned striped Calico corn has always been popular as a feeding corn and we have had so much inquiry for a good strain of it that we will offer it for sale this year. The ears run 10 to 11 inches long, that is the best ones, very deep grained and heavy. Color a combination of red and yellow in stripes. The grain is very rich and is preferred by stock to other corn. Price, 3 lbs. 60c postpaid. Pk. 60c; bu. \$2.00; 5 bu. \$9.00.

Early Yellow Flint. An eight-rowed flint variety with ears from 10 to 15 inches long, 1½ to 2½ inches in diameter, and are well filled out to the extreme end of the cob. The cob is small and the kernel large and broad, ripens in 75 to 85 days. This corn is adapted to the northwest. Has given excellent results in Minnesota and other northern states. Excellent for ensilage. Price, 3 lbs. 60c postpaid. By freight, pk. 60c; bu. \$2.00; 2 bu. \$3.75.

Sanford White Flint. The most productive White Flint Corn, yielding a large crop of corn and fodder at the same time. The ears are very long, measuring from 12 to 15 inches, and are of very handsome appearance, with large kernels of transparent white color. The stalks are very leafy and generally produce 2 to 3 ears to a stalk. This Corn matures medium early. Price, 3 lbs. 60c postpaid. By freight, peck 60c; bu. \$2.00; 2 bu. \$3.85.

Giant Cuzco Corn. A curious and wonderful corn from Peru, a single kernel of which is four to six times as large as a seed of our field corn varieties. If you wish to show the tallest corn stalk at your fair next year, be sure to plant a package of this great corn. Seed should be started in pots in the house and later transplanted to the garden. Pkt. 10c; 3 for 25c.



Champion White Pearl.

CHOICE NORTHERN SEED POTATOES.

Our Seed Potatoes are guaranteed strictly northern grown; we get them grown on contract by potato specialists in the extreme northern section of the Red River Valley, Minnesota. It is essential to change your seed potatoes every few years if you wish to secure the largest yield, combined with the best quality. Prices subject to market changes late in season, should our stock be exhausted.

OUR BARRELS ARE 3 BUSHEL SIZE.

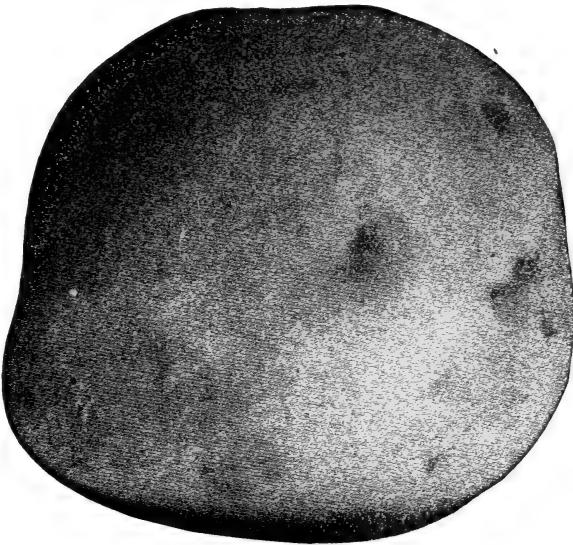
Bliss Extra Early Triumph. This is considered the earliest of all potatoes and is the leading early potato in all Southern states. We are all familiar with it as sold at the grocery stores when the first NEW POTATOES are shipped in. It is at least a week to ten days earlier than the Early Rose and the Early Ohio. The tubers are of a very handsome appearance, being almost round and most uniform in shape and size, with slightly depressed eyes, which are mostly on the seed end. The skin is of a pretty light red color, while the flesh is of purest white, both raw and when cooked. Its beautiful appearance, wonderful productiveness, and superior table qualities make this potato a favorite for the early market, wherever introduced. It produces at least from 12 to 15 tubers per hill, all of marketable size. Our Red River grown Triumphs can not be excelled. Price, 3 lbs. 60c postpaid. By freight, pk. 60c; bu. \$1.70; 5 bu. \$8., bags included. Per bbl. \$4.75.

Early Six Weeks. Extremely prolific, out-yielding the well known Ohio potato, and will be ready for market several days ahead of the latter. Very uniform in growth; the tubers are of even size, in shape oval, of light red color, similar to the Ohio. The skin is smooth

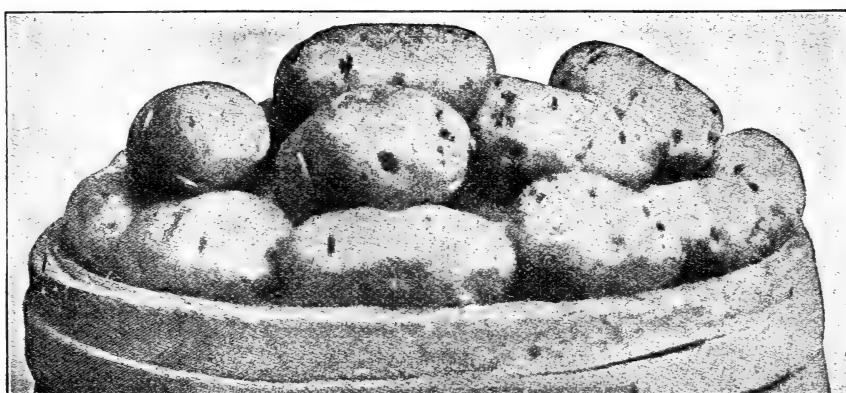
and free from scab, eyes are slightly depressed, almost even with surface. Planted side by side with the Ohio we found the Six Weeks Potato to be ready for use about one week earlier, more uniform in size, and the yield was fully one fourth more. In quality it is excelled by none. The flesh is white, very mealy when cooked and of finest flavor. Although this variety ripens very quickly, it is an excellent keeper, perhaps even excelling the Ohio in this respect. As an early market potato the Six Weeks is of great value, combining all the good points, extreme earliness, productiveness and splendid keeping qualities. Has given good satisfaction every where, especially in our state. Price, 3 lbs. 60c postpaid. By freight, peck 50c; bu. \$1.60; 5 bu. \$7.50, bags included. Per bbl. \$4.50.

Minnesota Extra Early Ohio. This is without doubt the most popular early potato in the country. We have more calls for it than for any other early. Every one knows what it is and knows that it can be relied upon for an early market variety in almost every locality. The illustration shows just how they look. They grow stronger and more vigorous, maturing the crop in shorter time and yielding much more than home seed, so that there is the utmost satisfaction in planting them. Potato growers in the South will have their crop ready for the market from ten days to two weeks earlier, if our Red River Valley Ohios are planted. This variety is sometimes sold under the name of Early Six Weeks Potato. It will pay to change your seed this year and plant a few acres of our selected stock of Ohios. Price, 3 lbs. 60c postpaid. By freight, pk. 60c; bu. \$1.60; 5 bu. \$7.50, bags included. Per bbl. \$4.50.

White Early Ohio. No potatoes have been introduced during recent years that deserve so much attention as the White Ohio. As name indicates, they are identical in every way with the Red Early Ohio, the same form and type, but white in color, excepting the eyes, which are pink or red. It is a good yielder and a strong and healthy grower, and will not scab as easily as the old Early Ohio. As an early market potato the White Ohio is of the greatest value, for it is the only early White Potato so far introduced, that has any special merit. On account of its handsome oval form and smoothness of appearance, it always sells at first sight on any potato market. It is just as good in quality, will ripen fully as early and seems to yield even better than the Red Ohio. Our stock of White Ohio's is very nice this year, but rather limited, better order early. Price, 3 lbs. 60c postpaid. By freight, peck 60c; bu. \$1.75; 5 bu. \$8.25, bags included. Per bbl. \$4.75.



Bliss Extra Early Triumph.

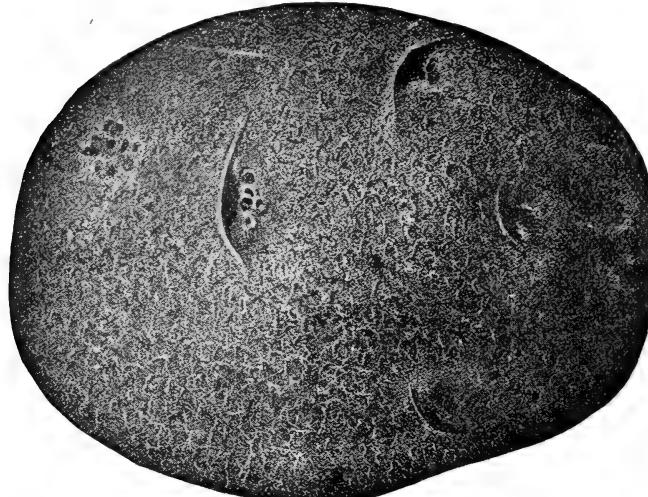


Minnesota Extra Early Ohio.

NORTHERN SEED POTATOES—Continued.

Carman No. 3. Was introduced by the late Mr. E. S. Carman, the great Agricultural Editor, who has given us several of the best potatoes now in cultivation. For a main crop and a late market potato the Carman No. 3 cannot be recommended too highly, for it has all the good qualities required of such a potato combined. The creamy white tubers grow very large and are of oblong form; flesh is extremely white in color, both raw and when cooked, and ranks high in quality. It is the most perfect keeper, and remains nice and solid until late in spring without sprouting. The tubers set while the vines are

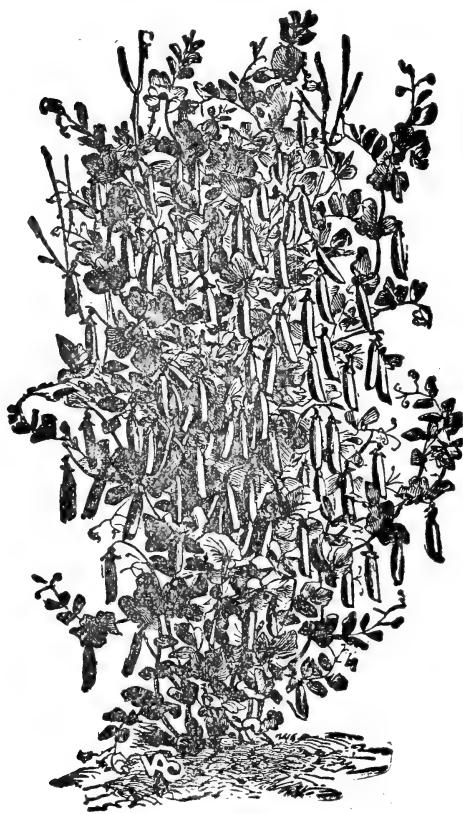
small, but do not ripen until late; this giving it such long season that it has the advantage of developing such large tubers and yielding heavy crops. The plant grows strong and upright, with dark colored stalks and purple blossoms. Price, 3 lbs. 60c postpaid. By freight, pk. 50c; bu. \$1.50; 5 bu. \$7.25, bags included. Per bbl. \$4.25.



Carman No. 3.

FIELD PEAS.

These are very valuable for fattening stock, but they can also be grown to the best advantage for soiling purposes. They are of the greatest nutritive value for fodder, either when the matured peas are fed as ground feed, or when the vines are cured for hay. Can be sown alone or with oats; if sown alone it takes about 2 bu. per acre, and if sown with oats 1 bu. of peas and 1½ bu. of oats.



Field Peas.

Canada Yellow or Golden Vine. Ripens early and is a good yielder. Price, 3 lbs. 60c postpaid. Peck 75c; bu. \$2.40; 2 bu. \$4.60, sacks included.

Green Canada. Very hardy, extra early and a good yielder. 3 lbs. 60c postpaid. Peck 75c; bu. \$2.75; 2 bu. \$5.25, sacks included.

COW PEAS.

They are largely grown in the southern states, both as a hay crop and as a fertilizer, in which respect they are of great value. The peas may be sown in corn at time of last cultivation or after a crop of early potatoes. They may be sown broadcast at the rate of 1½ bushels per acre, or they can be planted in rows about 3 ft. apart with a corn planter. This will require only ½ bu. per acre.

New Era. The earliest variety and the best sort for the North and West. Price, 3 lbs. 60c postpaid. By freight, peck 75c; bu. (60 lbs.) \$2.75; 2 bu. \$5.25, sacks included.

Whip-Poor-Will. A favorite in Oklahoma, Texas and the South. Price, 3 lbs. 60c postpaid. By freight, peck 75c; bu. \$2.60; 2 bu. \$5.00, sacks included.

Write for prices on larger quantities.

FIELD BEANS.

These are grown for marketing the dry beans. Plant in rows 3 feet apart, and about 3 inches apart in the rows, ½ bu. per acre.

Large White Marrow. Excellent as a shelled bean for home use or market, the best cooking bean of all. The beans are ivory white and double as large as the Navy. Price, qt. 35c postpaid. By freight, pk. \$1.20; bu. \$4.25.

Early Marrow Pea Beans. (Improved Navy.) Well known, heavy yielding Field Bean. The beans are small, nearly round, pure white. Price, qt. 30c postpaid. Peck \$1.00; bu. \$3.75.

White Wonder. Considered by many to be the finest white Field Bean for all sections. Price, qt. 40c postpaid. Peck \$1.25; bu. \$4.75.

SORGHUM OR SUGAR CANE.

Dairy farmers say that Sugar Cane is the most valuable fodder plant in existence for their use. Can be grown everywhere on any soil that will grow corn. It is of the very best quality, being sweet, tender, nutritious and greedily eaten by horses, cattle and hogs. Dairymen find that cows will give more and richer milk from its use, and it is claimed that as high as ten tons of green fodder have been grown per acre. Sow 100 pounds per acre for best results. It is a profitable crop, also to grow for seed. When grown for seed, sow in drills 3 feet apart, using 4 to 5 pounds of seed per acre.

Early Amber. Popular and well known. Succeeds well from Texas to Minnesota. Postpaid by mail, 3 pounds for 50c. By freight, bu. (50 lbs.) \$1.50; 2 bu. \$2.75, sacks included.

Early Orange. Ten to fifteen days later than the Early Amber. Well adapted to the south and west. Prices same as above.

Write for prices on larger quantities.

YELLOW MILO MAIZE.

(Or Branching Sorghum.)

Highly valued because of its certainty to produce good crops on poor, dry soil. Grows 9 to 10 feet tall and branches very freely. Farmers all over the arid and semi-arid sections of the United States recommend it highly. The seed heads produce a large quantity of grain, which is superior food for fowls. Plant in drills, 3 to 4 feet apart, using 5 to 6 lbs. per acre. Price, 3 lbs. 60c postpaid. By freight, pk. 50c; bu. \$1.50; 2 bu. \$2.80, sacks included.



Kaffir Corn.

YELLOW LUPINS.

One of the best plants known for reclaiming poor soil, particularly sandy and old worn-out land. By plowing under a crop of Lupins such land can be made very valuable. It is so highly valued in Germany that it is called the "Gold of the Desert." The plants in the green state, or when dried, make very good fodder for sheep. The seed when burned, is excellent as a fertilizer for orange and olive trees. Sow in spring when the ground has become warm at the rate of 75 to 100 lbs. per acre. Price, lb. 25c; 3 lbs. for 60c postpaid. By freight, 10 lbs. 90c; 100 lbs. \$7.75, sacks included.

WILD RICE.

A valuable plant in lakes and marshes to attract wild fowl. The seed should be sown during September and October or in the early spring. Sow broadcast in water from 6 in. to 6 ft. deep with a mud bottom. Previous to sowing sink the seed in bags in water over night to soak it thoroughly, so it will sink to the bottom at once. Per lb. 35c postpaid. By freight, 10 lbs. \$2.50.



Sugar Cane.

WHITE KAFFIR CORN.

An excellent fodder plant, yielding two crops of fodder during a season. It grows from 4 to 5 feet high, making a straight, upright growth. The stalks

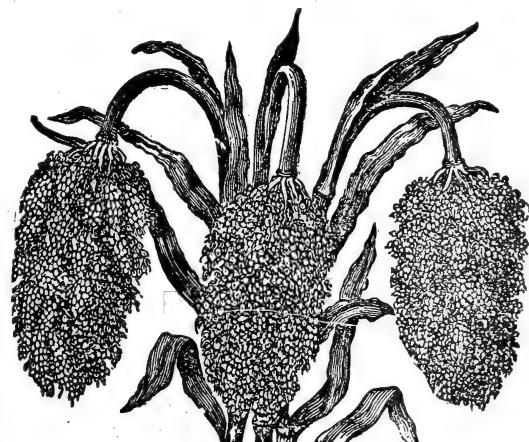
keep green and are brittle and juicy, making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. The seed crop is also heavy. For the grain, sow in rows 3 feet apart. 4 to 5 lbs. of seed to the acre. For fodder sow $\frac{1}{2}$ to 1 bu., either broadcast or in drills. Price, 3 lbs. 50c postpaid. By freight, pk. 40c; bu. (50 lbs.) \$1.25; 2 bu. \$2.40, sacks included.

RED KAFFIR CORN.

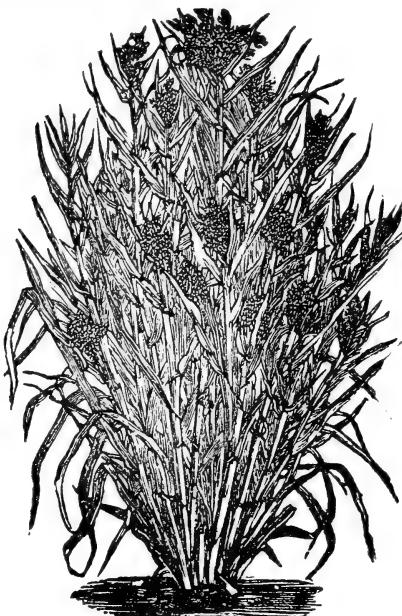
Very similar to the White except that the seed is of red color. Ripens a little earlier and is said to withstand drought even better than the white. Price by mail postpaid, 3 lbs. 50c. By freight, pk. 40c; bu. \$1.25; 2 bu. \$2.40, sacks included.

JERUSALEM CORN.

A non-saccharine sorghum, especially adapted for cultivation in dry sections. It is a sure cropper, yielding an immense crop of flat, white, soft grain, similar to white Kaffir Corn, and very valuable as a feed for stock and poultry of all kinds. The plant grows about 3 feet high, making a single large head of the main stalk and numerous small heads on the side shoots. 4 to 5 lbs. of seed in drills is required to plant an acre, or if sown broadcast, $\frac{3}{4}$ to 1 bu. per acre. Price, 3 lbs. 65c postpaid. By freight, pk. 95c; bu. (50 lbs.) \$3.50.



Yellow Milo Maize.



Teosinte.

DWARF ESSEX RAPE.

The easiest cultivated and most profitable plant for sheep, hog or cattle feed known. The cost per acre not exceeding 50c, is so small as to be scarcely worth taking into account. It can be sown in early spring along with oats or rye, and eaten off by sheep within a week or so after harvest. It can also be sown on wheat, oat or rye stubble, or on any vacant land up to the end of July, and will yield an immense crop of green fodder in six to eight weeks from time of sowing—nothing like it for sheep feed. The feed furnished by rape is unsurpassed as a fattener for sheep and hogs, being superior to clover, and sheep pastured on it gain rapidly in weight. Rape should be sown in drills at the rate of 3 lbs. per acre, or broadcast, using 5 to 6 lbs. per acre. Price for true Dwarf Essex Rape, 3 lbs. 60c postpaid. By freight, 5 lbs. 50c; 10 lbs. 85c; 25 lbs. \$1.85; 100 lbs. \$6.75. Good grain bags 23 cents each, extra.

AUSTRALIAN SALT BUSH.

A most valuable forage plant for regions subject to drought and for growing on alkali soils. When once established it will make a satisfactory pasture or hay crop in the driest weather and on soil so strongly alkaline that nothing else will grow. The plant is of a low spreading growth, sending out runners 8 to 9 feet long in all directions and covering the ground with a thick dense mat of foliage a foot in depth. The seed requires moisture to start it into growth and should be planted early in the spring, on well pulverized soil. 2 to 3 lbs. of seed will plant an acre. Price, oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25; 3 lbs. \$3.50 by mail postpaid.

TEOSINTE.

Teosinte is a valuable forage plant, resembling field corn very much in its habit of growth, but throwing out side shoots or suckers in much greater profusion. It is very rich in saccharine, and furnishes a more desirable fodder than ordinary field corn. It is greedily eaten by all kinds of stock, either in the green state, or when cured as hay. It can be cut 2 to 5 times in one season. Teosinte should not be planted until the ground is warm. Plant in drills 3 feet apart, dropping 3 or 4 seeds every 12 inches; 3 to 4 lbs. of seed will plant an acre. Cultivate same as field corn. Oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c; 3 lbs. \$1.65 postpaid. By freight, 10 lbs. for \$4.75.

SAND VETCH OR WINTER VETCH.

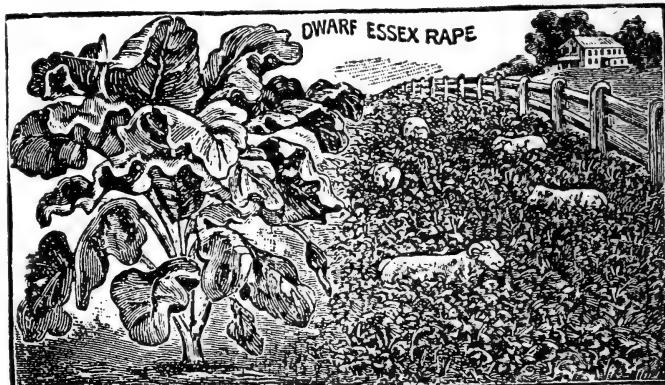
A forage plant which has proved of highest value. It succeeds and produces good crops on poor sandy soils, and grows to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. Every dairyman and stock breeder should have a field of it. It is exceedingly nutritious, is eaten with relish, and may be fed with safety to all kinds of stock. Is the earliest crop for cutting, and a full crop may be taken off the land in time for the spring crops. In the North it is grown as a summer crop; in the South its greatest value is for fall seeding and winter growth. It serves equally well as a cover crop, for pasture, hay, or as a soil renovator. The farmers of the South and Southwest may have a fine winter pasture by sowing Sand or Winter Vetches in October or November. In the far North sow in early spring; in moderate climates sow from July until November, broadcast or in drills, at the rate of 1 bu. per acre, with $\frac{1}{2}$ to 1 bu. rye, wheat, oats or barley. Cut when the Vetches are in full bloom. Price, lb. 25c; 3 lbs. for 65c postpaid. By freight, pk. \$1.60; bu. (60 lbs.) \$5.75, sacks included.

GIANT SPURRY.

This is a very valuable annual forage crop for sandy soil or worn-out land, where almost no other plant will grow, and is especially recommended as a first crop on the pine lands of Northern Wisconsin and Michigan. It is a splendid catch crop in short seasons, coming into use in eight to ten weeks from sowing, making excellent pasture for sheep and milch cows. As a fertilizer to plow under it has few equals. Dr. Manley, of Lansing Mich., calls it the clover of sandy soils, yielding 7,700 pounds per acre. Sow 10 to 12 pounds to the acre, broadcast, and harrow in lightly. Price, lb. 25c; 3 lbs. 65c postpaid. By freight, 10 lbs. \$1.00; bu. (50 lbs.) \$4.50, sacks included.



Sand Vetch.





Seradella.

quickly. For this reason can be had in bloom through entire season if sown 4 times during summer. Requires 4 lbs. of seed per acre. Seed is small and should be covered but little. Price, oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.

Siberian Dragonhead. This is one of the honey plants best liked by bees. The plants bloom from June till August grow about 18 inches high and are very ornamental besides being useful. Sow the seed thinly where the plants are to remain in April. In bloom from July until September. Price, oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c postpaid.

Borage. Excellent bee plant of quick growth and easiest culture. Price, oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00 postpaid.

Cerinthe or Wax plant. Beautiful and easily grown annual flowers, furnishing excellent bee pasture. Price, oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50 postp'd.

MILLET.

Millet is a paying crop for the stock raiser and dairy farmer, because it is of the greatest feeding value

yield much more good hay per acre than timothy and clover. Of the greatest value for late sowing as a "catch crop." When spring is so unfavorable and wet that other crops fail to grow. Millet can be put in as late as June 15th, and can be depended upon to make a good crop. PRICES ARE SUBJECT TO MARKET CHANGES.

German or Golden Millet. Matures about two weeks later than common millet. It grows from 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough sheaths. Sow 1 bu. per acre, or for seed $\frac{1}{2}$ bu. Price, 3 lbs. 45c postpaid. By freight, bu (50 lbs.) \$1.40; 5 bu. \$6.50, grain bags 23c each extra.

New Siberian. Is earlier than all other kinds and wonderfully productive. Makes fine hay and is rust proof. Has become very popular in the west, as it withstands drought well and is extremely hardy. Will yield 50 to 75 bushels of seed per acre. Seed is of reddish color. Sow 2 to 3 pks. per acre. Price, 3 lbs. 50c postpaid. By freight, bushel \$1.50; 5 bushels \$6.85. Grain bags 23c each extra.

Japanese Millet. A distinct, new variety, which has been called the "Billion Dollar Grass." Especially valuable for the northern states. It yields an enormous crop of foliage, which is greatly relished by stock. When cured it makes an excellent hay. Recommended highly for feeding dairy cattle. Can be sown until the end of July. In Kansas and our western states in general this millet has given splendid results. Sow the seed broadcast at the rate of 15 pounds per acre, or in drills 12 to 18 inches apart, using 12 to 15 pounds per acre. Price, 3 lbs. 55c postpaid. By freight, 15 pounds \$1.00; per bu. (50 lbs.) \$2.75; 100 lbs. \$5.00. Grain bags 23c each extra.

Pearl Millet. Entirely different from ordinary millet. An immense fodder yielder, of tall growth, highly recommended by the U. S. Department of Agriculture for the South. Price, lb. 25c; 3 lbs. 70c; postp'd. Freight, 10 lbs. (for 1 acre) \$1.20; 25 lbs. \$2.75; 100 lbs. \$9.50.

Millet seed should be shipped in strong grain bags to insure safe transit. We make an extra charge of 23c each for new grain bags.



Japanese Millet.

SERADELLA.

(Or Cultivated Birdsfoot.)

For light, poor, or sandy soils Seradella is one of the best fodder plants. We know its great value and urge our farmers to give this valuable forage plant more attention. It is sown at the rate of 10 to 15 pounds per acre, and can be sown either by itself, or in Winter Wheat or Rye, in early spring, growing rapidly after the grain has been cut. It is very remarkable for its drought resisting qualities and its close thick growth, covering the ground completely and choking out all weeds; also very desirable as a catch crop. It is not a perennial, but can be cut twice and give good pasture the balance of the season. Price, lb. 25c; 3 lbs. 65c postpaid. By freight, 15 lbs. \$1.40; 25 lbs. \$2.35; 100 lbs. \$8.50, sacks included.

BEST PLANTS FOR BEE PASTURE.

Bokhara or Bee Clover. (*Melilotus Alba*.) Will grow on any soil and is invaluable for bee food. It is greatly relished by bees, and makes superior honey. Also of great value as a fertilizing crop. Sow 10 lbs. per acre. Price, lb. 35c; 3 lbs. \$1.00 postpaid. By freight or express, 10 lbs. \$2.25.

Phacelia. (Tansy-leaved.) Best of all bee foods. Is much liked because of the mild honey it furnishes. Plants grow about 3 ft. high and come into bloom very



Phacelia.

CLOVER AND GRASS SEEDS.

Our Prices on Clover and Grass Seeds are based on the market values prevailing at the time this catalogue goes to press. We reserve the right to fill orders according to price based on the market changes when your order reaches us. We guarantee to give full value for money received and will hold to our catalogue prices as long as our own supply of seed will last. For new grain bags to ship clover seed in we make an extra charge of 23c for each bag. Sample packets mailed on application.

All seeds put out under name of "**Our Best**" grade are absolutely the best and finest quality obtainable.



Alfalfa.

heat at midday and very often frost at night, even in mid-summer. Alfalfa described above, excepting that the leaves are shorter and sparsely clothed with short hairs. Its cultivation has been quite successful in the arid regions of the west, and under conditions where Alfalfa fails the Turkestan Alfalfa will prove to be of greatest value. Will grow on alkali soils. As there is much seed of the common Alfalfa sold for Turkestan, we wish to state that we have the true Turkestan Alfalfa. "**Our best**" grade of seed, per lb. 35c; 3 lbs. \$1.00. By freight, peck \$3.25; bu. \$12.00.

Sand Lucerne. (*Medicago Media*.) A variety of Lucerne especially adapted for very dry, sandy land, where it will yield heavy crops. Is very long lived, and will grow in all climates. Will furnish one to three good, cuttings a season, according to fertility of the soil. Pound 40c; 3 pounds \$1.10 postpaid. By freight, peck \$4.00; bu. \$15.00.

Esparron Clover. (*Sanfoin* or *Sand Clover*.) An excellent, but comparatively little known variety, of special value for growing on light, dry, sandy or limestone soils. It is very deep-rooted, and therefore withstands drought. It is a good fodder plant on account of its high feeding value. Can be cut twice a year and is exceedingly long lived. It is usually sown with oats or barley, at the rate of 1 bushel to an acre. If sown alone about 2 bushels of seed should be used per acre. Cover the seeds quite deeply. Pound 25c; 3 pounds 65c postpaid. By freight, 25 pounds \$3.00; bushel (45 pounds) \$4.50.

Japan Clover. Well known in the South. Grows most anywhere and lasts a long time; on sands, gravels, or denuded clay hill-tops, no other plant is so valuable for grazing. On medium good land up to three tons of hay per acre is no unusual yield. It is eaten greedily by cattle, sheep, horses and mules. Will thrive in any soil and withstand the driest weather. It is also valuable for turning under as green manure, to improve the soil. Sow in spring, 15 to 20 lbs. per acre, by itself, or in fall with rye or winter oats. Pound 40c; 3 lbs. \$1.10 postpaid. By freight, bushel (25 lbs.) \$6.00.

The Esparron Clover I got of you made a good stand; better than I expected, owing to the dry weather. Your garden seeds are fine.

J. C. Auer, Hailey, Wyo.

Alfalfa or Lucerne. The most valuable forage plant. Is particularly adapted for our western climate and soil. It requires a deep mellow soil; the richer the better. In the driest weather, when every blade of grass withers, Alfalfa is as fresh and green as in the spring, as its roots go down from ten to twenty feet to the moisture of the ground. Although a prodigious yielder it will not exhaust the soil. The seed may be sown early in the spring, as soon as the frost is out of the ground in order to catch the spring rains, as it needs moisture to germinate. In localities where irrigation is used it can be sown successfully at any time during the summer months. We advise sowing the seed broadcast, early in spring, at the rate of from 15 to 25 lbs. to the acre. Sow with a hand seeder, going over the field crossways and using half the quantity of seed each way. May also be sown in the fall. The seed bed should always be well prepared and the ground well pulverized. Every farmer should sow at least a few acres of this valuable clover. The Wisconsin Experiment Station reports that Alfalfa does very well in that state. Our seed is of the best quality and free from all adulteration. We furnish Nebraska upland grown seed, which should not be confounded with seed grown under irrigation, as the latter is practically worthless unless it be grown under irrigation again. The dry regions of our state produce by far the best seed in the United States.

Price, "**Our Best**" GRADE ALFALFA, per pound 35c; 3 lbs. \$1.00 postpaid. By freight, peck \$3.25; bu. (60 lbs.) \$12.00.

CHOICE GRADE, per peck \$3.00; bu. \$11.00.

Turkestan Alfalfa. This has recently been introduced by our Agricultural Department. It was found growing on the high tables of Asia, and is especially adapted to the sudden changes of temperature that prevail there—intense



Esparron Clover.

CLOVER AND GRASS SEEDS—Continued.

Medium Red Clover. (June Clover.) Regarded the most important of all the clovers for practical agriculture, not only for forage, but also as a soil fertilizer. In order to keep the land up, Red Clover should be sown with all spring grain at the rate of 6 pounds per acre. When sown for forage use 10 to 15 lbs. per acre. Enriches the soil, furnishes an immense amount of grazing, large crops of excellent hay and is a profitable seed crop. It is usually sown with wheat or oats early in the spring, but will do equally well when sown in the fall. Our clover seed is grown on clean land and we clean all seed with the latest improved machines, our customers can rely upon receiving only the best seed. This year the crop is limited, but quality exceptionally fine.

"OUR BEST" GRADE SEED, per lb. 35c; 3 lbs. \$1.00 postpaid. Pk. \$2.95; bu. \$10.75.

CHOICE GRADE, peck \$2.60; bushel \$9.50.

Mammoth Red Clover. (Pea Vine Clover.) This is well known for its enormous yields and for reclaiming exhausted land. It is extremely hardy and will flourish on soil which is too low and heavy for the common Red Clover. Where permanent hog pastures are wanted Mammoth Clover will give the best results. The hay is of choice quality, and is greedily eaten by all kinds of stock. Sow 10 to 12 pounds per acre. Can be sown either in the spring or fall. Our seed was grown here and we furnish the true Mammoth Clover, seed of which it is usually difficult to procure.

"OUR BEST" GRADE SEED, per lb. 35c; 3 lbs. \$1.00 postpaid. peck \$3.00; bushel \$11.00.

CHOICE GRADE, Peck \$2.75; bu. \$9.75.

Alsyke or Swedish Clover. The advantage which the Alsyke Clover has over Red Clover and other varieties are its hardness and true perennial character. It adapts itself to a great variety of soils, growing on the edge of a stream and in swamp or on low land, and also flourishes on dry and stubborn, stiff clay and upland soils, thus being capable of resisting the extremes of drought and wet alike. It is well liked by all stock either green in the pasture or when cured for hay. Sow 6 to 9 pounds per acre. The past season we sold more seed of this clover than ever before and many of our customers consider the Alsyke Clover superior to the Red Clover. Seed is scarce and somewhat higher in price.

"OUR BEST" GRADE SEED, per lb. 35c; 3 lbs. \$1.00 postpaid. Peck \$3.00; bushel \$11.50.

CHOICE GRADE, Peck \$2.75; bushel \$10.00.

White Clover. This is of particular value in mixtures for pastures and lawns and will grow on almost any kind of soil, excepting wet or very moist ground. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. Valuable also for bee pasture and as a green food for poultry. Sow 5 to 6 pounds per acre.

"OUR BEST" GRADE SEED, per lb. 40c; 3 lbs. \$1.10 postpaid. Peck \$4.00; bushel \$15.00.

CHOICE GRADE, Peck \$3.75; bushel \$14.00.

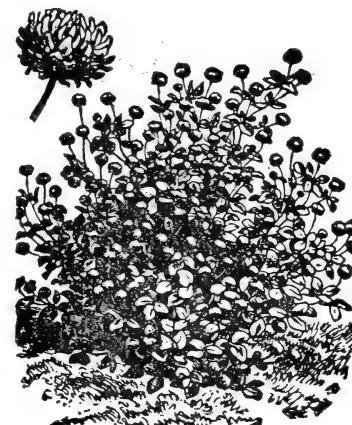
Crimson Clover. (German Mammoth or Giant Incarnate Clover.) In this state and north of here this clover is treated as an annual plant and sown in spring. It the South sow any time from July to end of September. The only clover that yields a heavy and full crop the first season. The yield in fodder is immense, and after cutting, it at once commences to grow and continues until severe freezing weather. It grows about two feet high.

Will grow on nearly all soils, and succeeds well on sandy soil. There is hardly a better crop than Crimson Clover for cutting green, it makes excellent feed for milch-cows and all kinds of stock. It makes superior hay and is of great value as a fertilizer. Worn out soils can be cheaply reclaimed by growing this clover. Sow in spring 12 to 15 pounds per acre. Every farmer should sow 5 to 6 pounds per acre with all spring grain, for fertilizing purposes. Crop is very short this year.

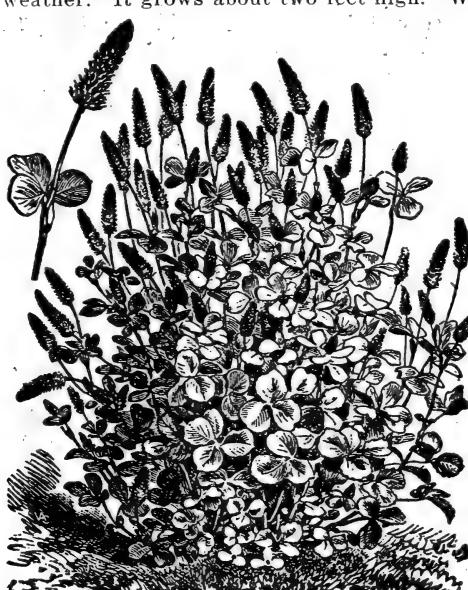
Price, per pound 35c; 3 lbs. \$1.00 postpaid. Peck \$2.95; bushel \$10.75.

Bokhara or Bee Clover. (Melilotus Alba.) Will grow on any soil and is invaluable for bee food. Whoever keeps bees should put in some of this clover, for it is greatly relished by the bees and makes superior honey. Of great value as a fertilizer. Sweet Clover will furnish the soil with bacteria for the successful growing of Alfalfa. It will make sandy soils fertile. Sow 10 to 12 pounds per acre. Price per lb. 35c; 3 lbs. \$1.00 postpaid. By freight, or express, 10 lbs. \$2.85; bu. \$10.50.

Bermuda Grass. For the Southern states particularly this Grass is best adapted, and of great value. It is the chief reliance there for pasture and hay, furnishing rich and green pasture during nine months of the year. On good land it will cut two to four tons of nice hay per acre. It grows wherever corn and cotton grow. Sow in spring, 5 lbs. per acre. Price, lb. 75c; 3 lbs. \$2.00; by mail postpaid. 5 lbs. not prepaid, for \$3.00.



Alsyke Clover.



Crimson Clover.

Our Nebraska Upland Alfalfa Seed is the Best.

GRASS SEEDS—Continued.



Bromus Grass.

Perennial Rye Grass. (English Rye Grass.) A nutritious, permanent grass for meadows and pastures, or for mixing with other grasses for lawns. It is also well adapted for permanent meadows, and yields large quantities of very nutritious hay. It makes a quicker, leafier growth than most other grasses, succeeds in the shade as well as in the open, and may be sown with good results in orchards or woodland pastures. Sow in spring and fall at the rate of 20 to 30 lbs. per acre. Price, lb. 25c; 3 lbs. 65c postpaid. By freight, bushel (20 lbs.) \$2.00; 100 lbs. \$8.50, sacks included.

Italian Rye Grass. A quick growing annual grass. Will grow on almost any soil, but thrives best on rich, moist land, where large crops can be produced. Valuable for hay and pasture. It is well adapted for pastures on account of its early growth in spring, and its quick and successive aftergrowth when closely cropped. For this reason it is very valuable to sow as a catch crop in clover fields where the clover has died or winter-killed. When mixed with Crimson Clover and sown on these bare spots in spring, a full crop can be counted on from these fields. Grows 2 to 4 feet high. Sow 20 to 25 lbs. per acre. Price, lb. 25c; 3 lbs. 65c postpaid. Bu. (14 lbs.) \$1.60; 100 lbs. \$8.50, sacks included.

Meadow Fescue, or English Blue Grass. Succeeds well in almost all soils, from high, dry land to moist, standing the summer heat excellently. It is valuable as a pasture grass, being one of the earliest in the spring and latest in the fall. It is highly recommended as a large yielding, nutritious pasture and hay grass for all sections of the country as far south as Tennessee, and west into central Kansas. In central Kansas, in particular, where timothy does not succeed, it is perhaps the best grass that could be grown. It may be sown either in the spring or fall. Sow 20 to 30 lbs. per acre.

Price, "OUR BEST" GRADE, 1 lb. 35c; 3 pounds \$1.00 postpaid. By freight, bu. (24 pounds) \$5.00; 100 pounds \$20.00, sacks included.

CHOICE GRADE, per bu. (24 lbs.) \$4.35; 100 lbs. \$17.00.

Fancy Kentucky Blue Grass. Very valuable and popular as a permanent pasture grass. It is productive and unusually early in spring, furnishing nutritious food for all kinds of stock. Unexcelled for lawns. The seed may be sown in early spring or fall or during the winter on a light fall of snow. Sow 20 to 30 pounds per acre for pasture or 60 to 100 pounds for lawn. Our seed is government tested, first class in every particular and contains no Canada Blue Grass. "OUR BEST" GRADE, per lb. 35c; 3 lbs. \$1.00 postpaid; bu. (14 lbs.) \$3.25; 100 lbs. \$21.00, sacks included.

CHOICE GRADE, bushel \$2.75; 100 pounds \$17.50.



Meadow Fescue

GRASS SEEDS—Continued.

Timothy. Unsurpassed for hay and greatly liked by all stock. Best suited to moist, rich and loamy soils. Timothy hay always commands the highest market price. An excellent meadow can be made by sowing three pounds of clean Red Top and one or two pounds of Red Clover with about eight pounds of Timothy per acre. 10 to 12 pounds are required when sown alone. Our seed is home grown, of extra nice quality and free from weed seed. "OUR BEST" GRADE, Price, lb. 20c; 3 lbs. 50c postpaid. Bushel (45 lbs.) \$2.50; 100 lbs. \$5.25. Grain bags to ship seed in, 23c each extra.

CHOICE GRADE, bu. \$2.25; 100 lbs. \$4.75.

Sheep's Fescue. This grass should form a large part of all mixtures intended for sheep grazing on high upland or dry pastures. In growth it is short and dense, and of excellent nutritive qualities, deep-rooted and not easily affected by drought. Sow twenty to twenty-five pounds per acre. Per lb. 35c; 3 lbs. \$1.00 postpaid. By freight, per bu. (14 lbs.) \$2.65; 100 lbs. \$17.00, sacks included.

Hard Fescue. Very valuable pasture grass for dry lands, doing well on sandy shallow silicious soils. Exceedingly hardy and permanent, with-standing extremes of cold, heat and drought. Makes a fine lawn grass. Per lb. 35c; 3 lbs. \$1.00 postpaid. By freight, bushel (14 lbs.) \$2.50; 100 pounds \$16.00.

Crested Dogtail. For permanent pastures; especially on high land and hard dry soils and hills. Is very hardy and but little affected by extreme drought or cold weather. Very hardy and grows 1 to 1½ feet high. Grows well in shady places and is valuable for lawns. Per lb. 45c; 3 lbs. \$1.25 postpaid. By freight, bushel (14 lbs.) \$4.50, sacks included.

Wood Meadow Grass. It is invaluable for wood pastures and should be included in all mixtures, especially in shady places. Remarkable for its quick successive growth. Per pound 70c; 3 pounds \$1.95 postpaid. By freight, bushel (14 lbs.) \$7.00, sacks included.

Orchard Grass. A valuable grass for pasture or hay land, and on account of its earliness very valuable for permanent pastures. It furnishes the first green bite in the spring and the last in the fall, and is quick to recover from close cropping. It is well suited to shady places, such as orchards and groves. It is a good practice to sow Red Clover with Orchard Grass, either for hay or pasture. According to chemical analysis orchard grass hay is equal, if not superior to timothy. Orchard Grass is of great value for early and late pasture and in the South can be pastured nearly the entire year. Does

well in our western states. It is also quite valuable for binding soils. Sow 20 to 30 pounds per acre. "OUR BEST" GRADE seed per lb. 35c; 3 lbs. \$1.00 postpaid. By freight, bu. (14 lbs.) \$2.50; 100 lbs. \$16.00.

CHOICE GRADE, bushel \$2.25; 100 lbs. \$14.50.

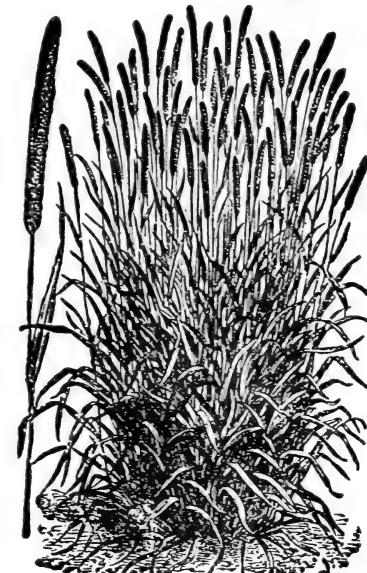
Red Top. Valuable for most soils. Good permanent grass. Stands our climate well, and is adapted to our pastures. Has succeeded on alkali soils when other grasses failed. Fancy clean or hulled seed, sow 8 to 10 pounds per acre. Per lb. 30c; 3 lbs. 75c postpaid. By freight, bu. (14 lbs.) \$2.65; 100 lbs. \$17.50 sacks included.

Prime Red Top. Seed with the hulls or chaff seed. Sow 2 bu. per acre. Best quality, per lbs. 25c; 3 lbs. 70c postpaid. By freight, bu. (14 lbs.) \$1.70; 100 lbs. \$10.00.

Creeping Bent Grass. This variety is especially valuable as a pasture grass, and best adapted for low and moist situations. It starts early and holds out very late in autumn. Prefers deep, rich and moist soils, being very deep rooted, of quick, successive growth when cropped closely, and of dwarf habit. Sow 1 to 1½ bu. per acre. Per lb. 35c; 3 lbs. 95c postpaid. By freight, bu. (14 lbs.) \$3.50; 100 lbs. \$24.00, sacks included.

Water Fescue Grass. A very valuable Grass for improving low and wet meadows, marshes or sloughs. It succeeds best on moist and wet land which is often under water. It is not well adapted for sowing by itself or alone, but does better if sown together with other varieties adapted for low ground, when a large quantity of fine hay can be secured in this way. Per lb. 40c; 3 lbs. \$1.10 postp'd. Freight, bu. (14 lbs.) \$3.50, sacks included.

Meadow Foxtail. One of the best permanent pasture grasses for rich, moist lands and will stand an occasional overflowing. Its chief characteristics are its extreme earliness and its faculty of standing high summer heats without burning. The plant is similar to Timothy in growth. Should be sown only in connection with other grasses, 8 to 10 lbs. to the acre. Per lb. 45c postpaid. By freight, bushel (14 lbs.) \$5.00.



Timothy.



Orchard Grass.

SPECIAL CLOVER-GRASS MIXTURES.

For Permanent Pastures and Meadows.

By sowing these Grass Mixtures a much larger yield per acre can be obtained than if only one or two varieties are sown. A pasture containing a variety of grasses and clover is again as productive and can be pastured earlier and longer than if but one kind of grass or clover is used. We have carefully studied this subject and our mixtures are prepared to suit the requirements of the different soils and the purposes for which they are to be used. Mixtures for particular purposes will be furnished at lowest prices consistent with best quality. Write us giving full particulars as to soils, etc. In making up these grass mixtures we use the best grade of seed only and our prices rule accordingly. Please bear this in mind when comparing prices.

Mixtures for Permanent Pastures.

Sow 20 lbs. per acre, or 10 lbs. for top-seeding.

No. 1. For medium soils.

No. 2. For high, sandy and dry soils.

No. 3. For high, dry land, heavy or clay soils.

No. 4. For low wet ground.

Price. 20 lbs. \$3.00; 50 lbs. \$6.50; 100 lbs. \$12.00.

Mixture for Sheep Pastures.

For permanent pasture on high, dry soils. Sow 25 lbs. per acre, or 15 lbs. for top-seeding.

Price. 25 lbs. \$3.75; 50 lbs. \$7.00; 100 lbs. \$12.75.

Mixture for Hog Pasture.

Ready to use the first year and will last for many years. Will fatten the hogs quickly and keep them in good health. Sow 15 to 20 pounds per acre. **Price.** 15 lbs. \$2.10; 50 lbs. \$6.25; 100 lbs. \$11.50.

Small Quantities by Mail. For trial we will send any of the above mixtures, 3 lbs. 75c postpaid.

LAWN GRASS SEED.

This is a mixture of the best varieties of grass seeds suited for growing together, and make a beautiful, soft, velvety lawn and keep green from early spring all through the hot dry summer weather, until late in the fall. It comes up quickly, and after once up it soon spreads to cover the ground and is ready for the lawn mower in six to eight weeks. It is permanent, maintaining its beauty for many years. This mixture is made by ourselves from new crop, re-cleaned pure seeds of the best varieties. One quart will cover about 300 sq. feet. Price, quart 30c; 4 quarts \$1.00 postpaid. By freight or express, bushel (15 lbs.) \$3.00; 50 lbs. \$8.50; 100 lbs. \$16.50; sacks included.

BIRD SEED.

Ideal Mixed. Only the best grades of re-cleaned seeds are used in this mixture. Best for singing Canaries and other small birds. Pound 10c; 3 lbs. 25c. Postage 10c a pound extra.

Good Mixed. For ordinary canaries, finches, linnets, etc. We do not recommend this for the best singing canaries. Pound 7c; 3 pounds 20c; 10 pounds 55c. Postage 10c extra per pound.

Sicily Canary. The best grade imported Sicily Canary. Lb. 10c; 3 lbs. 25c. Postage 10c extra per pound.

Russian Hemp. A rich, oily seed, much liked by all birds. Should be fed sparingly. Pound 10c; 3 lbs. 25c. Postpaid 10c extra per pound.

German Summer Rape. This is considered the best seed for canaries. We carry the best imported seed only. Lb. 10c; 3 lbs. 25c. Postage 10c extra per pound.

HAMMOND'S SLUG SHOT.

A Combination of the most potent insecticides and soluble plant foods. It destroys all insects injurious to house and garden plants, shrubs, trees, vines, potatoes, melons, cabbage, currants and vegetables and fruits of all kinds. This preparation, though poisonous to insects does not injure the foliage.

Not prepaid. 5 lbs. 35c; 10 lbs. 60c. Postpaid, 1 lb. 25c; 4 lbs. 95c.



We also have Slug Shot in 1 lb. cartons each with perforated top, ready to use. Price, 1 lb. cartons 15c; postpaid 30c.

Crushed Oyster Shell. Best grade. Oyster Shell should be fed regularly to all laying hens. 100 lb. sack 85c; 5 sacks \$4.00.

Mica Poultry Grit. Essential to the health of all fowls. 100 lb. sack 80c; 5 sacks \$3.75.

Mica Fine Grit. For young poultry. 100 lb. sack 90c; 5 sacks \$4.25.

Fine Ground Oil Meal. Old process, extra fine grade. 100 lb. sack \$2.25; 5 sacks \$11.00.

TREE SEEDS.

For full description, see pages 30 to 39.

The seed comes quickest and best when planted in rich, sandy loam. Plants should be naturally or artificially sheltered from heavy east and northeast winds.

Ash (White.) *Fraxinus Americana*. Soak the seed for 24 hours in luke-warm water. Sow early in spring or fall and cover 2 inches. Packet 5c; $\frac{1}{4}$ pound 25c; pound 60c postpaid.

Ailanthus. *Tree of Heaven*. Sow seed in spring when the ground has become warm and cover 2 inches. Ounce 10c; $\frac{1}{4}$ pound 20c; pound 60c postpaid.

Box Elder. *Acer Negundo*. Culture same as Ash. Packet 5c; $\frac{1}{4}$ pound 25c; pound 60c postpaid.

Catalpa Speciosa. *Hardy Catalpa*. Culture same as Ailanthus. Pkt. 5c; $\frac{1}{4}$ lb. 40c; lb. \$1.25 postpaid.

Locust, Black or Yellow. *Robinia Pseudacacia*. Soak the seed in warm water for 24 hours before sowing. Cover 2 inches. Sow in spring. Pkt. 5c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid. 10 lbs. \$4.75, not prep'd.

Honey Locust. *Gleditschia Triacanthos*. Pour warm water (120°) over the seed, stir well for ten minutes and let seed remain in water for 24 hours. Then sow and cover 3 in. Seeding time—spring. Packet 5c; $\frac{1}{4}$ pound 20c; pound 65c postpaid. 10 pounds \$4.75, not prepaid.

Thornless Honey Locust. *Gleditschia Inermis*. Culture same as above. Pkt. 5c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid. 10 pounds \$6.00, not prepaid.

Mountain Ash. *Sorbus Aucuparia*. Sow the seed very early in spring and cover 2 inches. Sometimes the seed will not germinate until the second year. Ounce 10c; $\frac{1}{4}$ pound 20c; pound 65c postpaid.

Mulberry, Russian. *Morus Nigra*. Sow in spring when the ground has become warm, covering $\frac{1}{2}$ inch. Packet 5c; ounce 20c; $\frac{1}{4}$ pound 60c; pound \$2.00 postpaid.

Norway Maple. *Acer Platanoides*. Sow seed early in spring or in the fall, covering 2 inches. Packet 5c; $\frac{1}{4}$ pound 25c; pound 75c postpaid.

Sugar Maple. *Acer Saccharinum*. Culture same as Norway Maple. Pkt. 5c; $\frac{1}{4}$ lb. 30c; lb. 90c postp'd.

Osage Orange. (Hedge Plant.) *Maclura Aurantiaca*. Before planting soak the seed in water for 6 or 7 days, changing the water every day. Cover 3 inches. Seeding time—spring. Packet 5c; $\frac{1}{4}$ lb. 25c; lb. 75c postpaid. 10 lbs. \$6.00, not prep'd.

Persimmons. *Diospyros*. Sow seed in spring and cover 2 or 3 inches. Oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 65c.

French Crab Apple. Best French Seed. Sow early in spring and cover $1\frac{1}{2}$ to 2 inches. If sown later in the season the seed must first be soaked in water for 3 or 4 days, changing the water every day. Packet 5c; ounce 15c; $\frac{1}{4}$ lb. 40c; pound \$1.25 postpaid.

Pear. Sow thickly in spring in drills 18 in. apart. The soil should be deep and rich; a moist, rich loam is best. Packet 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.95 postpaid.

Mahaleb Cherry. Sow seed thickly and cover 2 inches. If sown in spring they will come up following spring. Fall seeding will make plants the next year. Oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c postpaid.

Russian Olive. *Elaeagnus*. Sow seed in spring, after soaking same in luke-warm water for several hours; cover about 2 inches. Packet 10c; $\frac{1}{4}$ pound 25c; lb. 75c postpaid.

EVERGREENS OR CONIFER TREE SEEDS.

For description of varieties, see pages 38 and 39.

Seed should be sown early in spring in a rich, sandy loam. Shelter the plants from heavy east and northeast winds. Most varieties grow easily from seed. Prices include postage.

	Pkt.	Oz.	Lb.
Arbor Vitae. (Chinese.) <i>Thuja Orientalis</i>	5c	15c	\$1.75
Arbor Vitae. (American.) <i>Thuja Occidentalis</i>	5c	15c	1.85
Colorado Blue Spruce. <i>Picea Pungens</i>	10c	30c	3.50
Norway Spruce. <i>Picea Excelsa</i>	5c	15c	1.20
White Spruce. <i>Abies Alba</i>	10c	30c	4.00
Balsam Fir. <i>Abies Balsamea</i>	5c	15c	1.75
Douglas Fir. <i>Pinus Douglasii</i>	5c	25c	3.00
Silver Fir. <i>Abies Sibirica</i>	5c	15c	1.50
Austrian Pine. (Black Pine.) <i>Pinus Austriaca</i>	5c	20c	2.00
Bull Pine. (Yellow Pine.) <i>Pinus Ponderosa</i>	5c	25c	2.50
Scotch Pine. <i>Pinus Sylvestris</i>	5c	20c	2.00
White Pine. <i>Pinus Strobus</i>	10c	25c	2.75
Jack Pine. <i>Pinus Divaricata</i>	10c	30c	3.75
Red Cedar. <i>Juniperus Virginiana</i>	5c	10c	.75
Silver Cedar. <i>Juniperus Virginiana Glauca</i>	5c	20c	2.25
European Larch. <i>Larix Europea</i>	5c	15c	1.25
English Juniper. <i>Juniperus Communis</i>	5c	15c	.90
Hemlock Spruce. <i>Tsuga Canadensis</i>	5c	30c	3.75
Pinyon. (Nut Pine.) <i>Pinus Parryana</i>	5c	15c	1.75
White Fir. (Colorado Black Balsam.) <i>Abies Concolor</i>	5c	20c	2.00
Engelman's Pine. <i>Pinus Engelmannii</i>	10c	30c	4.00

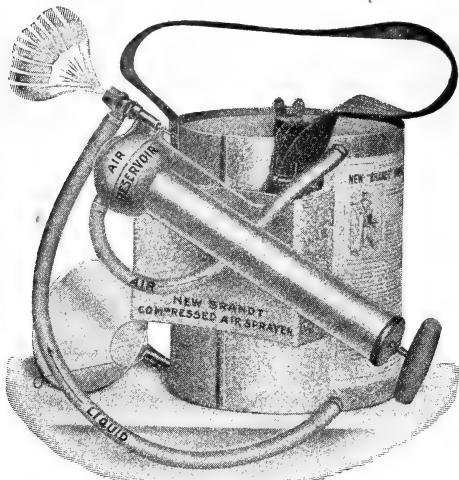
FRENCH BORDEAUX MIXTURE.

In Fine Pulp (or Liquid) Form.

The finest and best article of its kind made in America. Ready for immediate use. Works freely, without clogging, in any spraying machine. To be diluted 25 to 50 times with water and sprayed. This article is so well made that it covers evenly a very large leaf surface, and the even distribution, in minute mass, is what does the real protective work. It sticks effectively. Price, 1 quart can 45c; 1 gallon can \$1.20, not prepaid.

THE "BRANDT" SPRAYER.

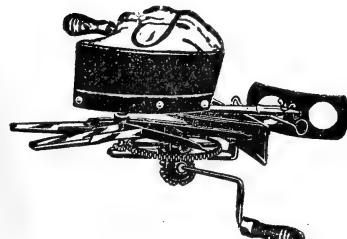
A NEW DISCOVERY.



Brandt Sprayer.



Daisy Sprayer.



Perfect Seed Sower.



Garden Trowel.



Acme Potato Planter.

Tobacco Dust. Destroys rose bugs, lice, cut worms, vine bugs, tomato worms, currant worms, cabbage lice and worms, and parasites of all descriptions. Best insecticide to use on cucumbers and melons. Should be applied when the foliage is wet. Also a most complete fertilizer for plants and vines; will not burn or injure the plants. Price, lb. 10c; 5 lbs. 25c; 16c per pound extra if sent by mail; 10 lbs. 40c; 100 lbs. \$2.95.

Sulpho Tobacco Soap. For a cheap, effective, clean and harmless insecticide this is unequalled. It quickly exterminates all insect life on plants and flowers, in and out of doors. For spraying fruit trees, small fruits, shrubs and vines. Destroys squash, melon and potato bugs. Makes a good wash for dogs and all animals. Prevents poultry lice. 3 ounce cake (for 1½ gallons) 10c, or postpaid 15c; 8 ounce cake (for 4 gallons) 20c, or 28c postpaid.

Scoley Plant Sprayer. A necessary article for everyone who keeps house plants. With it you can without injury to the plants or soaking the earth, quickly and very effectively sprinkle them. Large size \$1.00; postpaid \$1.10. Medium size 75c; postpaid 85c.

Dibble. A round Dibble with steel point for transplanting vegetable plants. Each 30c; postpaid 45c.

Knox Lice Expelling Nest Eggs. A scientific triumph! Lice-killer and nest-egg combined in one; Effective, lasting, not expensive, superior to others in form, size and appearance. Just the thing for laying hens.

Price, 8c each; 85c per doz. Postpaid 12c each

In offering the "Brandt" Sprayers to our customers, we do so with the knowledge that we are offering the finest and best Sprayers on the market. They are very simple and will not get out of order, and are guaranteed to give satisfaction. These Sprayers have been tested and highly endorsed by all the leading Experiment Stations in the United States, and are now used by the U. S. Government. This machine has a patented device for maintaining an even and high pressure which is absolutely necessary to obtain a satisfactory spray. One stroke will spray 20 hills of potatoes or same number of similar plants, therefore its labor saving powers cannot be surpassed. Will spray a row of vegetables one mile long with one filling, and are especially adapted for fast work. The Tanks are made of heavy brass steel and will not rust or corrode. Are tested with four times more pressure than used for spraying, and will not burst. Filler plug and connections are made of brass. The shoulder strap and body rest makes it easy and convenient to carry. Capacity 3 gallons. The Pump has a brass air reservoir. In the plunger is a check valve for the air to pass through on return stroke, making it easy to operate and double its capacity. The Nozzles are made on a new principle and work with a combination of liquid and air which produces more force with 7 lbs. of pressure than others do with 100 lbs.—giving a fine mist-like spray which is sent with such force that clogging is impossible. Sprays paris green, Bordeaux Mixture, Sulphate of iron for killing weeds, white arsenic, tobacco infusion, stock dip, and all other liquid applications, also for whitewashing and disinfecting poultry houses, barns, cellars, etc. A one quart funnel with brass wire strainer accompanies above sprayer for use in filling. Complete Outfit, Price \$6.75.

THE "BRANDT DAISY" SPRAYER.

A small sprayer and a great labor saver. It works **Both Ways**—Sprays the same on the return stroke as on forward stroke, thus doing twice the work. Sprays straight up as well as down, a valuable feature in spraying poultry houses, etc. It speaks for itself, and needs no further description. Made with brass tank and holds 1 quart. Price \$1.00.

Write for free illustrated circular on Sprayers which gives detailed description and valuable spraying formulas.

Perfect Broadcast Seed Sower. We consider this the best Hand Seeder on the market. Have used it on our farm, and know where-of we talk. Has a solid malleable iron frame with steel base and hopper. Will not get out of order from ordinary use. The crank can be used either on the right or left side, being the only seeder that a left-handed operator can use with ease. The bag will hold ½ bushel of seed. All kinds of Clover, Grass Seeds, Grain and Fertilizer can be sown perfectly even, and any desired quantity per acre. The seeder weighs 4½ pounds. Price by express or freight, \$1.45.

Garden Trowels. An indispensable tool to everyone who has a vegetable or flower garden to look after. 5-inch trowels 10c each. Extra strong 6-inch trowels 20c each. Postage 8c extra for each trowel.

Excelsior Weeder. Can be used to great advantage in any garden. Price 10c each. Postpaid 18c.

Lang's Hand Weeder. This is the best hand weeder for all purposes and a first-class labor saver. Each 25c; 6 for \$1.25. Postpaid 30c each.

Acme Potato Planter. This planter enables one man, going over the field but once, to plant two or more acres in a day. And this almost as easily as he could walk the same distance in the same time. It makes the holes, drops and covers at the same time. It is important in planting potatoes that they be placed in moist soil and covered before the soil dries out. This the Acme Planter does perfectly. Weight 2½ pounds. Price \$1.00 by express or freight, not prepaid.

Lightning Mole Trap. Acknowledged by all to be superior to any trap made. All parts malleable iron and steel. If you are bothered with moles you should have one of these traps, no mole can pass under it and live. Price 85c not prepaid.

Walker's Excelsior Plant Food. A soluble food for house plants, containing all the elements necessary to nourish and make beautiful flowers and plants. It makes brighter flowers and prolongs the period of blooming. Large box containing sufficient for 25 plants one year 25c; postpaid 40c. Small package 15c; postpaid 25c.

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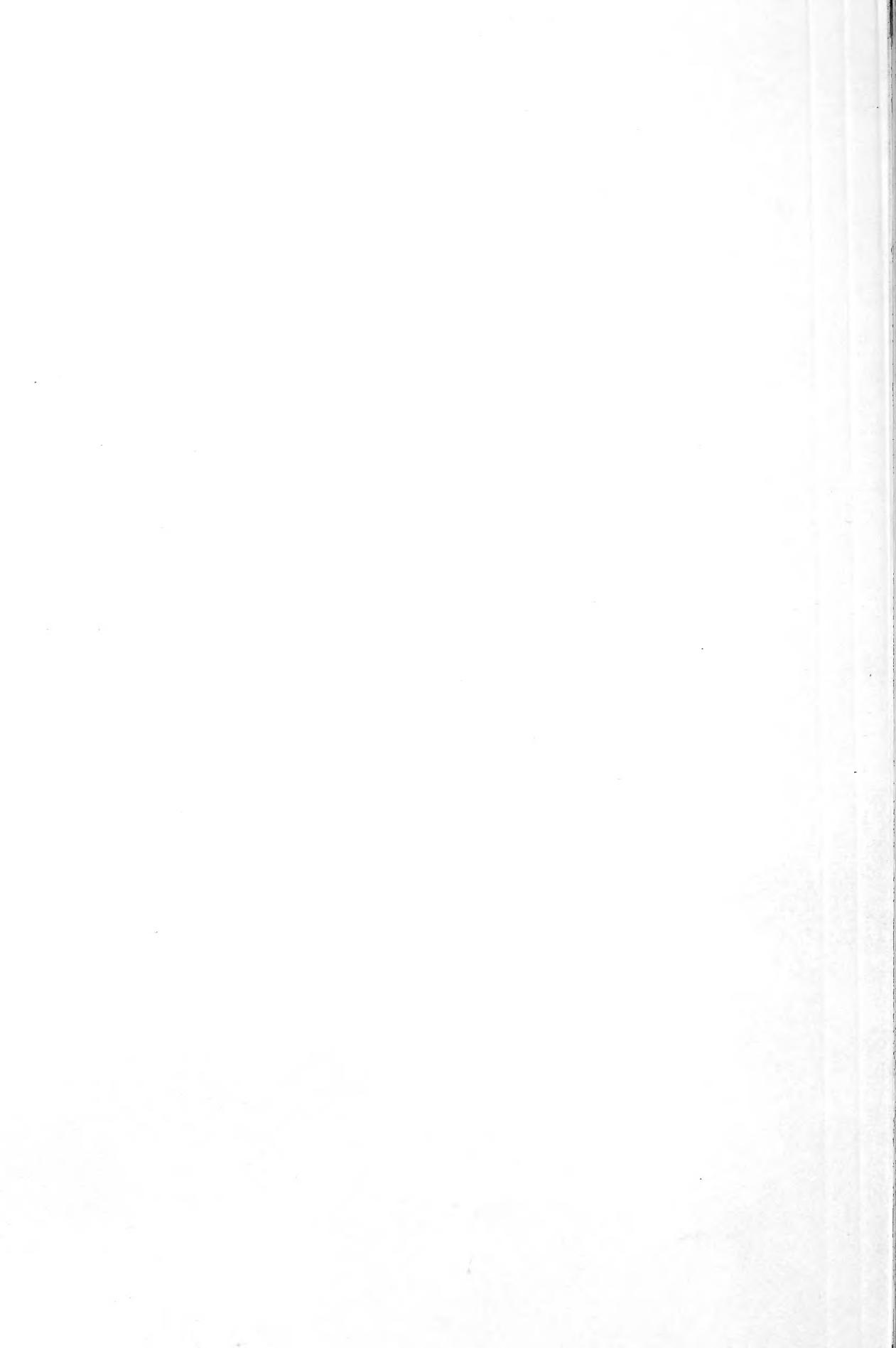
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Price, 8c each; 85c per doz. Postpaid 12c each





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Do not fail to try our "Bountiful" Collection of Vegetable Seeds. Price 40c postpaid. See back cover and page 8.

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VEGETABLE
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WHITE MEXICAN SWEET CORN PKT. 10¢
VOLGA CABBAGE " 10¢
HUNGARIAN PINEAPPLE MUSKMELON " 15¢
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55¢

COLLECTIONS OF ABOVE FIVE
BEST VEGETABLES FOR 40¢ POSTPAID.